King County

1200 King County
Courthouse
516 Third Avenue
Seattle, WA 98104

Meeting Agenda

King County Flood Control District

Boardmembers: Reagan Dunn, Chair; Sarah Perry, Vice Chair;
Claudia Balducci, Jorge Barón, Rod Dembowski,
Teresa Mosqueda, Dave Upthegrove,
Pete von Reichbauer, Girmay Zahilay

1:30 PM | **Tuesday, July 9, 2024** | **Hybrid Meeting**

The King County Flood Control District will be holding a Hybrid Meeting. You may attend the meeting in person in Council Chambers (Room 1001, 516 3rd Avenue in Seattle), or through remote access.

The Flood Control District values community input and looks forward to hearing from you.

HOW TO PROVIDE PUBLIC TESTIMONY:

1. In person: You may attend the meeting in person in the King County Courthouse Council Chambers.

2. By email: You may testify by submitting a COMMENT EMAIL to info@kingcountyfloodcontrol.org or filling out the General Contact Form at the bottom of the page on the Flood District's webpage: https://kingcountyfloodcontrol.org/contact-us/

If your comments are submitted before 10:00 a.m. on the day of the Flood meeting they will be distributed to the Supervisors and appropriate staff prior to the meeting. Comments submitted after 10:00 a.m. will be distributed after the meeting.

3. Remote attendance on the Zoom Webinar: Paste the following link into the address bar of your web browser: https://kingcounty.zoom.us/s/83034071240

4. Join by telephone: Dial: +1 253 215 8782
Webinar ID: 830 3407 1240

Sign language and interpreter services can be arranged given sufficient notice (206-848-0355).
TTY Number - TTY 711.
Council Chambers is equipped with a hearing loop, which provides a wireless signal that is picked up by a hearing aid when it is set to 'T' (Telecoil) setting.

HOW TO LISTEN TO THE MEETING:

Stream online: input the following web address into your browser:

https://king-county-tv.cablecast.tv/watch-now?site=1

Watch King County TV - Comcast Channels 22 and 322(HD) or Astound Broadband Channels 22 and 711(HD)

Listen to the meeting by telephone – See "Join by telephone" above.

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

1. Call to Order

2. Roll Call

3. Approval of Minutes of June 11, 2024 pg 4

4. Additions to the Agenda

5. Public Comment

6. Approval of Invoices pg 8

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Items for Final Action by the Board of Supervisors

7. FCD Resolution No. FCD2024-08 **pg 23**

A RESOLUTION relating to the operation and finances of the King County Flood Control Zone District; adopting a revised 2024 budget, operating budget, capital budget, six-year capital improvement program for 2024-2029; and amending Resolution FCD2023-10.

Public Hearing Required

8. FCD Resolution No. FCD2024-10 **pg 63**

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).

Public Hearing Required

Other Business

Adjournment

Sign language and interpreter services can be arranged given sufficient notice (206-848-0355).
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King County

1200 King County
Courthouse
516 Third Avenue
Seattle, WA 98104

Meeting Minutes

King County Flood Control District

Boardmembers: Reagan Dunn, Chair; Sarah Perry, Vice Chair; Claudia Balducci, Jorge Barón, Rod Dembowski, Teresa Mosqueda, Dave Upthegrove, Pete von Reichbauer, Girmay Zahilay

1:30 PM | **Tuesday, June 11, 2024** | **Hybrid Meeting**

DRAFT MINUTES

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Listen to the meeting by telephone – See "Join by telephone" above.

1. Call to Order

The meeting was called to order at 3:20 p.m.

2. Roll Call

Present: 9 - Balducci, Barón, Dunn, Dembowski, Mosqueda, Perry, Upthegrove, von Reichbauer and Zahilay

3. Approval of Minutes of May 14, 2024

Vice Chair Perry moved to approve the minutes of the May 14, 2024, meeting as presented. Seeing no objection, the Chair so ordered.

4. Additions to the Agenda

There were no additions to the agenda.

5. Public Comment

Items for Final Action by the Board of Supervisors

6. FCD Resolution No. FCD2024-07

A RESOLUTION of the Board of Supervisors of the King County Flood Control Zone District repealing and replacing Resolution FCD2023-05, approving a template for grant agreements related to the administration of the King County Flood Control Zone District's grant programs.

Charlotte Archer, District Legal Counsel, briefed the Board and answered questions.

A motion was made by Vice Chair Perry that this FCD Resolution be Passed. The motion carried by the following vote:

Yes: 9 - Balducci, Barón, Dunn, Dembowski, Mosqueda, Perry, Upthegrove, von Reichbauer and Zahilay

7. FCD Resolution No. FCD2024-08

A RESOLUTION relating to the operation and finances of the King County Flood Control Zone District; adopting a revised 2024 budget, operating budget, capital budget, six-year capital improvement program for 2024-2029; and amending Resolution FCD2023-10.

Michelle Clark, District Executive Director, briefed the Board and answered questions.

Chair Dunn deferred FCD2024-08 until the July 9, 2024, meeting.

This matter was Deferred

8. FCD Resolution No. FCD2024-09

A RESOLUTION amending an interlocal agreement with the City of Kent regarding the Lower Russell Road Levee Setback Project.

Steven Schauer, District Deputy Executive Director, briefed the Board and answered questions.

A motion was made by Vice Chair Perry that this FCD Resolution be Passed. The motion carried by the following vote:

Yes: 8 - Balducci, Barón, Dunn, Dembowski, Mosqueda, Perry, Upthegrove and Zahilay

Excused: 1 - von Reichbauer

Other Business

No other business was presented.

Adjournment

The meeting was adjourned at 3:44 p.m.

Approved this _____ day of _____

Clerk's Signature

KING COUNTY FLOOD CONTROL DISTRICT
516 Third Avenue • Room 1200 • Seattle, WA 98104
206.296.1020 • info@kingcountyfloodcontrol.org
www.kingcountyfloodcontrol.org

Invoice Summary – July 9, 2024

Vendor	Invoice #	Amount
Interfund Transfers		
Warrants		
AndiSites	5546	**$149.00**
Francis & Co.	8441	**$12,323.50**
Inslee Best	419108	**$6,622.50**
Lund Consulting	LG24-06	**$10,920.00**
Lund Faucett	531-08	**$10,500.00**
WA State Auditor	L162071	**$556.40**
Wilkins	2024-06	**$2,833.33**

Board of Supervisors:
Reagan Dunn, Chair | Sarah Perry, Vice-Chair
Claudia Balducci | Rod Dembowski | Jorge Barón | Teresa Mosqueda
Dave Upthegrove | Pete von Reichbauer | Gunnar Zahilay

AndiSites
friendly web design & development

AndiSites Inc. (www.andisites.com)
(919) 704-4683
11312 US 15-501 North
#107-211
Chapel Hill, NC 27517
United States

Billed To
Russell Pethel
King County Flood Control District
King County Courthouse
516 Third Avenue, Room 1200
Seattle WA 98104

Date of Issue
06/10/2024

Due Date
06/20/2024

Invoice Number
5546

Amount Due (USD)
$149.00

Description	Rate	Qty	Line Total
WordPress Support & Maintenance ongoing WordPress support & maintenance for kingcountyfloodcontrol.org, including core software and plugin updates, nightly redundant backups, uptime monitoring, database optimization, and 30 minutes of AndiSites' time each month.	$99.00	1	$99.00
WordPress Managed Hosting by SiteGround at actual cost	$50.00	1	$50.00

Subtotal	149.00
Tax	0.00
Total	149.00
Amount Paid	0.00
Amount Due (USD)	$149.00

Notes
This invoice is for services from March 12, 2023 through April 11, 2023.

Terms
Please pay within 30 days of the invoice date. Late payments will incur a fee of 1.5% of invoice amount for every 30 days that the payment is late.

You can pay online by credit card or eCheck, or by cash/check/money order to the address listed on this invoice (please give yourself extra time if you choose to pay by mail so that you won't incur late fees).

Thank you for your business!

EXHIBIT B
KING COUNTY FLOOD CONTROL DISTRICT BILLING INVOICE

To: King County Flood Control District
Russell Pethel, Administrator/ Clerk of the Board
King County Courthouse
516 Third Avenue, Room 1200
Seattle, WA 98104

E-mail: russell.pethel@kingcounty.gov
Phone: 206-848-0278

Invoice Number: 8441 Date of Invoice: 06/18/2024

Consultant Mailing Address: 200 W Mercer St, Ste E208, Seattle, WA 98119 Telephone: 206-282-3720

Contract Period: 4/1/2024 - 3/31/2025 Reporting Period: 05/1/2024 - 05/31/2024

Amount Requested this Invoice: $12,323.50

Attach itemized description of services provided.

Specific Program: CPA Consulting Services

Authorized signature

For Department Use Only

BUDGET SUMMARY

Total Contract Amount: _____

Previous Payments: _____

Current Request: _____

Balance Remaining: _____

Approved for Payment by:_____ Date: _____

FRANCIS & COMPANY PLLC
CERTIFIED PUBLIC ACCOUNTANTS | MANAGEMENT CONSULTANTS

INVOICE

200 W Mercer Street, Suite E208, Seattle, WA 98119 (206) 282-3720 www.francis-company.com

Tuesday, June 18, 2024

King County Flood District
Attn: Russell Pethel, Administrative Clerk
W 1039 King County Courthouse
516 Third Avenue
Seattle, WA 98104

Invoice No. 8441

Fee for accounting and consulting services during May 2024. Services included, representing the District providing data and responding to various inquiries in support of the 2022 annual audit by the State Auditor; maintenance of general ledger and preparation of financial statements; biweekly payroll preparation and related services:

DATE	SERVICE	STAFF	HOURS	RATE	AMOUNT
05/01/2024	Compiling financial statements				
	Worked on 2023 financial statements.				
		Albers	2.00	$210.00	$ 420.00
05/01/2024	Compiling financial statements				
		Francis	1.00	$375.00	375.00
05/01/2024	General ledger maintenance				
	Worked on monthly accounting.				
		Albers	0.50	$210.00	105.00
05/01/2024	Other general accounting				
	Worked on processing May 2024 USAble Life payment.				
		Inclan	0.10	$100.00	10.00
05/01/2024	Payroll services				
	Worked on payroll and PERS reporting.				
		Albers	0.60	$210.00	126.00
05/01/2024	Internal Audit Functions				
	Worked on capital assets review 2023				
		Jeenandra	1.00	$210.00	210.00
05/02/2024	Audit preparation functions				
		Francis	2.00	$375.00	750.00
05/02/2024	Audit preparation functions				
	SAO audit exit meeting				
		Jeenandra	0.25	$210.00	52.50
05/03/2024	Compiling financial statements				
		Francis	1.00	$375.00	375.00
05/03/2024	General ledger maintenance				
	Worked on monthly accounting.				
		Albers	0.60	$210.00	126.00

DATE	SERVICE	STAFF	HOURS	RATE	AMOUNT
05/06/2024	Compiling financial statements Reviewed 2023 draft financials.	Vankayalapati	3.00	$190.00	570.00
05/06/2024	Compiling financial statements	Francis	1.50	$375.00	562.50
05/06/2024	Payroll services Worked on payroll.	Albers	0.50	$210.00	105.00
05/07/2024	Financial statements/reports Worked on March reports.	Albers	1.00	$210.00	210.00
05/07/2024	General ledger maintenance Worked on monthly accounting.	Albers	1.00	$210.00	210.00
05/10/2024	Compiling financial statements 2023 FS draft review	Jeenandra	1.00	$210.00	210.00
05/13/2024	Compiling financial statements 2023 draft FS review	Jeenandra	1.00	$210.00	210.00
05/14/2024	Compiling financial statements Worked on 2023 financial statements.	Albers	1.20	$210.00	252.00
05/14/2024	Compiling financial statements	Francis	1.00	$375.00	375.00
05/15/2024	Compiling financial statements	Francis	1.50	$375.00	562.50
05/16/2024	Compiling financial statements	Francis	2.50	$375.00	937.50
05/16/2024	Compiling financial statements	Francis	3.00	$375.00	1,125.00
05/17/2024	Compiling financial statements	Francis	2.00	$375.00	750.00
05/20/2024	Other general accounting Worked on preparation of SAO package of 2023 financial statements.	Albers	2.50	$210.00	525.00
05/20/2024	Other general accounting Worked on preparation of SAO submission package with Dia.	Inclan	0.10	$100.00	10.00
05/20/2024	Payroll services Worked on payroll and PERS reporting.	Albers	0.60	$210.00	126.00
05/21/2024	Payroll services Worked on PERS reporting.	Albers	0.40	$210.00	84.00
05/23/2024	Compiling financial statements	Francis	3.00	$375.00	1,125.00

DATE	SERVICE	STAFF	HOURS	RATE	AMOUNT
05/23/2024	Payroll services				
	Worked on payroll.				
		Albers	0.20	$210.00	42.00
05/24/2024	Compiling financial statements				
	2023 draft FS review				
		Jeenandra	1.25	$210.00	262.50
05/24/2024	Other general accounting				
	Worked on electronic submission of 2023 financial statements to WA State Auditor.				
		Inclan	0.10	$100.00	10.00
05/24/2024	Accounting & Consulting				
		Francis	3.00	$375.00	1,125.00
05/29/2024	Compiling financial statements				
		Francis	1.00	$375.00	375.00
05/31/2024	Other general accounting				
	Worked on processing June 2024 USAble Life payment.				
		Inclan	0.10	$100.00	10.00
				Current Amount Due	$ 12,323.50

Payment is due on receipt. A finance charge of 1.0% per month will be assessed on any unpaid balance.

We are accepting credit/debit payments via CPACharge, a secure payment service. Payments may be made via the following URL: https://secure.cpacharge.com/pages/francisandcompanypllc/payments

INSLEE BEST
Skyline Tower
Suite 1500
10900 NE 4th Street
Bellevue, WA 98004

T: (425) 455-1234
Tax ID # 91-0872275

insleebest.com

June 11, 2024

King County Flood Control Zone District
EMAIL INVOICES TO:
Michelle.Clark@kingcounty.gov
russell.pethel@kingcounty.gove

Invoice No.	419108
Client No.	361395
Matter No.	0001
Billing Attorney:	CAA

REMITTANCE ADVICE

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

BALANCE DUE THIS INVOICE **$ 6,622.50**

All checks should be made payable to:
(Please return this advice with payment.)

Inslee Best Doezie & Ryder, P.S.
Attn: Billing
Skyline Tower, Suite 1500
10900 NE 4th Street
Bellevue, WA 98004

For payment by wire in USD:

Please contact Billing at
(425) 450-4268 or by e-mail at
billing@insleebest.com

To pay your bill online via credit card please visit: https://insleebest.com/payments

Please reference with your payment: Invoice No. 419108, Client-Matter No. 361395 - 0001

PAYMENT DUE UPON RECEIPT

Thank you!
We value our partnership with you.

THIS INVOICE MAY NOT INCLUDE COSTS ADVANCED WHICH ARE STILL IN PROCESS.

INSLEE BEST
Skyline Tower
Suite 1500
10900 NE 4th Street
Bellevue, WA 98004

T: (425) 455-1234
Tax ID # 91-0872275

insleebest.com

June 11, 2024

King County Flood Control Zone District
EMAIL INVOICES TO:
Michelle.Clark@kingcounty.gov
russell.pethel@kingcounty.gove

Invoice No. 419108
Client No. 361395
Matter No. 0001
Billing Attorney: CAA

For Professional Services Rendered Through: May 31, 2024

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

PROFESSIONAL SERVICES

Date	Prof	Description	Hours	Amount
5/06/24	CAA	Exchange e-mail with C. Gussow and R. Prugh regarding ILA issue (.2); conference with M. Clark (1.4).	1.60	512.00
5/07/24	CAA	Exchange e-mail with R. Prugh and C. Gussow (.3).	.30	96.00
5/08/24	CAA	Exchange e-mail with M. Clark (.2).	.20	64.00
5/09/24	CAA	Exchange e-mail with R. Prugh and M. Clark (.2); telephone call with M. Clark (.3); conference with R. Prugh and C. Gussow (.5); continue to draft legal memorandum (1.5).	2.50	800.00
5/10/24	CAA	Continue legal research and preparation of legal memo, and exchange related e-mail with M. Clark (4.2); prepare for and conduct Public Records Act staff training for staff (2.5).	6.70	2,144.00
5/13/24	CAA	Analyze e-mails from J. Loomis regarding public records processing, and exchange related e-mail with M. Cohen (.3); exchange e-mail with R. Pethel regarding public records issue (.1).	.40	128.00
5/14/24	CAA	Travel to and from King County Courthouse for Board Meeting (1.2); conferences with M. Clark and S. Schaurer (1.5); conference with M. Cohen (.4); draft Resolution pertaining to Template Grant Agreements, and related conference with R. Pethel (.4); appear for Board Meeting (.5).	4.00	1,280.00
5/15/24	CAA	Exchange e-mail with R. Prugh and related conference with M. Clark (.5).	.50	160.00
5/22/24	CAA	Exchange e-mail with R. Prugh and related conference with M. Clark (.6).	.60	192.00
5/23/24	CAA	Review and revise Lower Russell Road Levee Setback Project ILA Amendment, and exchange related email with M. Clark (.5).	.50	160.00
5/28/24	CAA	Exchange e-mail with R. Prugh and M. Clark (.3).	.30	96.00
5/31/24	CAA	Draft Staff Report and review and revise related resolution for grant program (.6); conferences with M. Clark and exchange related email (.8); draft e-mail to R. Prugh (.1); analyze e-mail and attached agenda from R. Pethel (.2).	1.70	544.00

TOTAL PROFESSIONAL SERVICES **$ 6,176.00**

June 11, 2024
Invoice No. 419108
Client No. 361395
Matter No. 0001

COSTS

Date	Description	Amount
	Westlaw Legal Research	446.50

TOTAL COSTS **$ 446.50**

TOTAL THIS INVOICE **$ 6,622.50**

PAYMENTS APPLIED SINCE LAST INVOICE

Date	Type	Invoice No.	Check No.	Paid By	Amount
5/31/24	Payment	416008	10099139	King County / KC Flood Control Zone	$ 9,077.10
5/31/24	Payment	417304	10099140	King County / KC Flood Control Zone	$ 2,530.50

Invoice: LG 24-06

Lower Green River Corridor Plan and EIS Project Manager

June 27, 2024

Michelle Clark, Executive Director
King County Flood Control District
1200 King County Courthouse
516 Third Avenue Seattle, WA 98104

Invoice period: May 30 – June 27, 2024, 2024

Professional Services:

Activities described below.

Total Amount Due **$10,920.00**

Please remit payment to: *Lund Consulting, Inc.*
1941 26th Avenue East
Seattle, WA 98112

Activity Report:

Work with team to prepare for presentations to Executive Committee/Board – postponed.

Work with team to track and report on outreach by Navigators during May-June.

Work with Parametrix on schedule and deliverables.

Review invoices and project budget monitoring for recommendation to Executive Director.

Keep Executive Director informed of key issues.

Coordinate with team to determine expectations in light of Board schedule and next steps.

LUND FAUCETT

Lund Faucett
411 University Street
Suite 1200
Seattle, WA 98101
Phone: 206-910-6471

INVOICE

Date: 7/1/24
Invoice #: 531-08
For: **King County Flood Control District**
Bill To: Russell Pethell
russell.pethel@kingcounty.gov

BILLING PERIOD: May 29 - June 30, 2024

SERVICES

Lund Faucett provided strategic communications services to the King County Flood Control District related to the Be Flood Ready Brochures

-Update timeline to track project status

-Develop project highlight lists by District and send to District staff for review and approval

-Review project information and draft content: chair's message, countywide article and articles for District 3, 5, 7 (green and white), 8 and 9

-Coordinate reviews and approvals from District and WLRD staff

-Meet with WLRD staff to strategize map options and other brochure design changes

-Meet with District's Deputy Director to provide project updates and gain feedback

-Meet with design team to confirm approach, changes, timeline, etc.

-Prepare for, participate in and summarize project team meetings and perform project administration tasks

STAFF		HOURS	RATE	SUBTOTAL
PARTNER	K. Faucett	21.75	$285.00	$6,198.75
ASSOCIATE	C. Rogers	27.75	$155.00	$4,301.25
			SUBTOTAL	$10,500.00

INVOICE TOTAL **$10,500.00**

Please make checks payable to Lund Faucett. If you have questions concerning this invoice, contact Kris Faucett at 206.910.6471.

THANK YOU FOR YOUR BUSINESS!

Lund Faucett is a Washington corporation.
Federal Tax Identification: 82-5158502

Invoice Voucher

Remit To: State Auditor's Office
PO Box 40021
Olympia, WA 98504-0021
Federal ID No. 91-6001098

Invoice No.: L162071
Invoice Date: 06/11/2024
MCAG No.: 2929
County: King

King County Flood Control District
516 Third Avenue King County Court House Rm 1200
Seattle, WA 98104

Now accepting electronic payments
Send to: Washington State Auditor's Office
Routing: 123000848 Account: 153911801147
Account type: Checking
Please include invoice number

(Return this portion with your payment)

State Auditor's Office ***(Detach and retain for your records)***

Entity Name: King County Flood Control District
Invoice No.: L162071
Invoice Date: 06/11/2024

Audit No.: 55621 ***Audit Period:*** 22 - 22 ***Purchase Order:***

Month/Year	*Work Performed*	*Bill Rate*	*Hrs*	*Amount*	*Travel/Other Expenses*	*Total*
05/24	Accountability Audit	$139.10	2.0	$278.20	$0.00	$278.20
05/24	Financial Audit	$139.10	2.0	$278.20	$0.00	$278.20
	Sub Total:		**4.0**	**$556.40**	**$0.00**	**$556.40**
	Total Due This Invoice: *(Hrs rounded to nearest tenth)*		**4.0**	**$556.40**	**$0.00**	**$556.40**

JV Number: 250252

FULL PAYMENT DUE IN 30 DAYS

I hereby certify the amount listed herein is a proper charge for services rendered:

Charleen A. Patten

By: Charleen A. Patten, Financial Services Operations Manager

For questions, please call (564) 999-0933 or (564) 999-0941 fax (360) 586-3105 or e-mail accreceivable@sao.wa.gov

Wallace Wilkins, Ph.D.
620 Terry Avenue, Suite 1107
Seattle, WA 98104-2273
(206) 284-1943

June 27, 2024

Invoice for Professional Services
King County Flood Control District

Invoice #2024-06

Coaching

6/4/24	Prep, Record Review	10 min	. . . . .	$66.67
6/4/24	Coaching Session	90 min	. . . . .	$600.00
6/13/24	Prep, Record Review	10 min	. . . . .	$66.67
6/13/24	Coaching Session Scheduled		. . . . .	$600.00
6/18/24	Coaching Session	90 min	. . . . .	$600.00
6/25/24	Prep, Record Review	10 min	. . . . .	$66.67
6/25/24	Coaching Session Scheduled		. . . . .	$600.00
		Total Coaching		$2,600.00

Administration

6/18/24	Coaching Document Preparation	25 min	. . . . .	$166.67
6/20/24	Email with Resources	10 min	. . . . .	$66.67
		Total Administration		$233.33

Grand Total $2,833.33

Wallace Wilkins
Signed Electronically

Tax ID # 20-3191839; UBI # 601 403 237

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KING COUNTY
FLOOD CONTROL DISTRICT

King County Courthouse
516 Third Avenue
Room 1200
Seattle, WA 98104

Signature Report

FCD Resolution

Proposed No. FCD2024-08.1 **Sponsors**

A RESOLUTION relating to the operation and finances of the King County Flood Control Zone District; adopting a revised 2024 budget, operating budget, capital budget, six-year capital improvement program for 2024-2029; and amending Resolution FCD2023-10.

WHEREAS, the King County Flood Control Zone District ("the District") adopted its 2024 work program, budget, operating budget, capital budget, and six-year capital improvement program in Resolution FCD2023-10, and

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

WHEREAS, the carry-forward amount for unspent appropriations from 2023 to 2024 is $210,957,928, and

WHEREAS, pursuant to RCW 86.15.140, the District held a public hearing on the proposed carry-forward amount and a supplemental budget on June 11, 2024, and

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

20 WHEREAS, the Board desires to adopt amendments to the District's 2024
21 budget, operating budget, capital budget, and six-year capital improvement program;
22 NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF
23 SUPERVISORS OF THE KING COUNTY FLOOD CONTROL ZONE DISTRICT:
24 SECTION 1. The Board adopts a revised 2024 budget for the District, as set
25 forth in Attachment B to this resolution, titled "2024 Reallocation Budget May 15, 2024,"
26 and amends FCD2023-10, Section 1, accordingly.
27 SECTION 2. The Board adopts a revised 2024 operating budget for the
28 District, as set forth in Attachment C to this resolution, titled "2024 Reallocated
29 Operating Budget May 15, 2024," and amends FCD2023-10, Section 1, accordingly.
30 SECTION 3. The Board adopts a revised 2024 capital budget for the District,
31 consisting of the projects and expenditures Attachment D to this resolution, titled "2024
32 Reallocated Capital Budget May 15, 2024," and amends FCD2023-10, Section 1,
33 accordingly.
34 SECTION 4. The Board adopts a revised six-year capital improvement
35 program for the District, as set forth in Attachment E to this resolution, titled "2024-2029
36 Reallocated Six-Year CIP May 15, 2024," and amends FCD2023-10, Section 1,
37 accordingly.
38 SECTION 5. The Board adopts a revised District Oversight Budget, as set
39 forth in Attachment F to this resolution, titled "2024 Reallocated District Oversight
40 Budget May 15, 2024," and amends FCD2023-10, Section 1, accordingly.
41 SECTION 6. The Board adopts a revised 2024-2029 capital budget project
42 list, as set forth in Attachment H to this resolution, titled "2024-2029 Six-Year CIP

43 Project Allocations + Carryover May 15, 2024," and amends FCD2023-10, Section 1,
44 accordingly.

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

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

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

57 D. Estimated costs for acquisitions and improvements together with
58 supporting data are set forth on Attachments B, C, D, E, F, and H to this resolution.

59 E. The improvements set forth in Attachments B, C, D, E, F, and H to this

60 resolution are determined to benefit the county as a whole, as well as the zone.

KING COUNTY FLOOD CONTROL DISTRICT
KING COUNTY, WASHINGTON

_____

Reagan Dunn, Chair

ATTEST:

_____

Russell Pethel, Clerk of the District

Attachments: B. 2024 Reallocation Budget May 15, 2024, C. 2024 Reallocated Operating Budget May 15, 2024, D. 2024 Reallocated Capital Budget May 15, 2024, E. 2024 -2029 Reallocated Six-Year CIP May 15, 2024, F. 2024 Reallocated District Oversight Budget May 15, 2024, H. 2024-2029 Six-Year CIP Project Allocations + Carryover May 15, 2024

King County Flood Control District

2024 Reallocation Budget

Attachment B

May 15, 2024

Program	2024 Approved	2023 Carryover	2024 Reallocation	2024 Revised
Flood District Administration	$3,438,637	$0	($950,000)	$2,488,637
Maintenance and Operation	$16,433,156	$0	($625,000)	$15,808,156
Construction and Improvements	$112,188,893	$210,957,928	$22,315,455	$345,462,276
Bond Retirement and Interest	$0	$0	$0	$0
Total	$132,060,686	$210,957,928	$20,740,455	$363,759,069
Projected Capital Reserves - Cash Fund Balance [1]	$25,669,038			$874,427
Projected Capital Reserves - Budgetary Fund Balance [2]	($187,417,380)			($278,696,818)

[1] The cash fund balance assumes an expenditure rate of 21% of the capital budget in 2023, informed by prior year actuals.

[2] The budgetary fund balance assumes 100% expenditure of all budgeted amounts and is used to understand budgetary commitment.

King County Flood Control District

2024 Reallocated Operating Budget

Attachment C

May 15, 2024

	2024 Approved	2023 Carryover	2024 Reallocation	2024 Revised	Comments
Annual Maintenance	$2,698,298			$2,698,298	
Flood Hazards Plan, Grants, Outreach	$1,000,429			$1,000,429	
Flood Hazard Studies, Maps, Technical Services	$2,306,712			$2,306,712	
Flood Preparation, Flood Warning Center	$1,916,336		($625,000)	$1,291,336	Move Duwmaish king tide forecast funding to capital budget to optimize budgetary oversight.
Program Management, Supervision, Finance, Budget	$2,106,077			$2,106,077	
Program Implementation	$2,515,876			$2,515,876	
Overhead / Central Costs*	$3,889,428			$3,889,428	
Total	**$16,433,156**	**$0**	**($625,000)**	**$15,808,156**	

* A portion of these overhead costs are reimbursed by the capital fund for staff time loaned out to capital projects.

King County Flood Control District

2024 Reallocated Capital Budget

Attachment D

May 15, 2024

Basin	Acquisition	Design	Construction	Contingency	Total
Snoqualmie River Basin	$25,616,670	$10,038,810	$21,011,221	$0	$56,666,700
Cedar River Basin	$13,273,920	$11,039,859	$27,919,974	$0	$52,233,753
Green River Basin	$25,160,098	$45,042,348	$53,113,460	$0	$123,315,907
White River Basin	$1,731,674	$6,410,322	$349,362	$0	$8,491,358
Effectiveness Monitoring	$0	$1,346,649	$0	$0	$1,346,649
Countywide Miscellaneous	$0	$0	$4,777,685	$1,345,186	$6,122,871
Opportunity Fund	$0	$0	$21,217,694	$0	$21,217,694
Grant Funds	$0	$0	$76,067,344	$0	$76,067,344
Total	**$65,782,362**	**$73,877,988**	**$204,456,740**	**$1,345,186**	**$345,462,276**

King County Flood Control District

2024 - 2029 Reallocated Six-Year CIP

Attachment E

May 15, 2024

Name	2024 Approved	2023 Carryover	2024 Reallocation	2024 Revised	2025	2026	2027	2028	2029	2024 - 2029 Total
Snoqualmie River Basin	$29,415,607	$27,155,406	$95,687	$56,666,700	$15,273,733	$27,687,983	$16,215,363	$12,234,283	$4,255,000	$132,333,062
Cedar River Basin	$17,266,606	$33,918,941	$1,048,206	$52,233,753	$16,940,339	$5,039,184	$4,100,000	$3,600,000	$14,100,000	$96,013,276
Green River Basin	$25,085,889	$78,799,765	$19,430,253	$123,315,907	$83,931,512	$91,131,742	$142,914,107	$39,932,419	$16,241,923	$497,467,611
White River Basin	$6,351,490	$1,973,559	$166,309	$8,491,358	$4,398,388	$3,214,247	$2,280,675	$0	$1,000,000	$19,384,668
Effectiveness Monitoring	$819,080	$527,569	$0	$1,346,649	$903,780	$588,180	$600,280	$520,730	$527,350	$4,486,969
Countywide Miscellaneous	$2,500,000	$2,047,871	$1,575,000	$6,122,871	$200,000	$200,000	$200,000	$200,000	$200,000	$7,122,871
Subregional Opportunity Fun	$6,030,423	$15,187,271	$0	$21,217,694	$6,098,506	$6,170,535	$6,243,517	$6,317,243	$6,391,431	$52,438,926
Flood Reduction Grants	$24,719,798	$51,347,546	$0	$76,067,344	$25,481,282	$26,174,250	$26,866,409	$27,598,921	$28,322,139	$210,510,345
Total	$112,188,893	$210,957,928	$22,315,455	$345,462,276	$153,227,540	$160,206,121	$199,420,351	$90,403,596	$71,037,843	$1,019,757,728

King County Flood Control District

2024 Reallocated District Oversight Budget

Attachment F

May 15, 2024

	2024 Approved	2023 Carryover	2024 Reallocation	2024 Revised	Comments
Management & Support	$1,341,621			$1,341,621	
Rent and Equipment	$42,086			$42,086	
Legal Services	$250,000			$250,000	
Accounting	$130,000			$130,000	
State Auditor	$70,000			$70,000	
Other Professional Services	$1,501,131		($950,000)	$551,131	Move Climate Corps ($750K) and farmland lease ($200K) funding to capital budget to optimize project budgetary oversight.
Expenses	$19,572			$19,572	
Insurance	$84,227			$84,227	
Total	**$3,438,637**	**$0**	**($950,000)**	**$2,488,637**	

2024 - 2029 Six-Year CIP Project Allocations + Carryover
Attachment H
May 15, 2024

Capital Investment Strategy Project
Grant/External Revenue Awarded
Cost Share Contribution to Others
New Project - 2022 Revised

No.	Title	Basin	Type of project	2023 Inception to Date Budget	2023 Inception to Date Expenditure	2024 Adopted	2023 Carryover	2024 Reallocation Request	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected	6-Year CIP Total (Including 2023 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
1	WLFL0 SF SKYKMSH REP LOSS MIT	SF Skykomish	FCD Acqu/Elev	$6,179,041	$5,631,609	$3,000,000	$547,432	$0	$3,547,432	$1,500,000	$0	$0	$0	$0	$5,047,432			$10,679,041	Near Baring in unincorporated King County. This project will elevate or buyout individual structures in the South Fork Skykomish Basin to eliminate the risk of flooding or erosion damage during future flood events. Assumes one home per year.
2	WLFL0 TIMBER LN EROSN BUYOUTS	SF Skykomish	FCD Acqu/Elev	$2,812,095	$1,972,649	$2,000,000	$839,446	$0	$2,839,446	$1,000,000	$0	$0	$0	$0	$3,839,446			$5,812,095	Near Skykomish in unincorporated King County. This project will continue to acquire and remove homes along a stretch of the Skykomish River that are endangered by erosive forces as well as inundation in some places.Assumes one home per year.
3	WLFL0 TIMBERLANE 2019 REPAIR	SF Skykomish	FCD Const	$567,117	$538,143	$0	$28,974	($28,974)	$0	$0	$0	$0	$0	$0	$0			$538,143	Near Skykomish in unincorporated King County. Revetment is approximately 300 LF along left bank of South Fork Skykomish River. Unstable section of vertical stacked rock is approximately 150 LF. Failure has occurred previously in this section of revetment.
4	WLFL1 BENDIGO UPR NORTH BEND	Upper Snoq	Agreement	$50,000	$2,739	$0	$47,261	$0	$47,261	$0	$0	$0	$0	$4,200,000	$4,247,261			$4,250,000	North Bend. Cost-share of $8.4M levee setback project. The levee overtops at a 20-year or greater flood, inundating undeveloped property, railway lines and roadways. Project would reconnect 25 acres of floodplain and construct a new levee that meets current engineering guidelines. City has submitted grant application for the remaining $4.2 million.
5	WLFL1 CIRCLE R RANCH RISK RED	Upper Snoq	FCD Const	$1,547,800	$1,432,463	$576,600	$115,337	$0	$691,937	$9,720	$0	$0	$0	$0	$701,657			$2,134,120	Near Near North Bend in unincorporated King County in unincorporated King County. This project will determine a preferred action to reduce long term risks from channel migration in the Circle River Ranch Neighborhood on the South Fork Snoqualmie River. Being conducted concurrent with South Fork Snoqualmie Corridor Plan.
6	WLFL1 CITY SNOQUALMIE ACQ	Upper Snoq	Agreement	$3,000,000	$0	$0	$3,000,000	$0	$3,000,000	$0	$0	$0	$0	$0	$3,000,000			$3,000,000	City of Snoqualmie. Acquire several flood-prone homes in the areas around Walnut St and Northern St.
7	WLFL1 CITY SNOQ HOME ELEV	Upper Snoq	Agreement	$1,468,000	$0	($968,000)	$1,468,000	$0	$500,000	$500,000	$468,000	$0	$0	$0	$1,468,000			$1,468,000	City of Snoqualmie. Elevate several flood-prone homes in the areas around Walnut St and Northern St.
8	WLFL1 MSN THRSN EL 2022 REPAIR	Upper Snoq	FCD Const	$205,000	$159,119	$0	$45,881	$0	$45,881	$0	$0	$0	$0	$0	$45,881			$205,000	Near Near North Bend in unincorporated King County in unincorporated King County. New project. Provide 20% local match to repair erosion to the downstream end of the Mason Thorson Ells levee under the US Army Corps of Engineers (USACE) PL 84-99 Levee Rehabilitation and Inspection Program (RIP). The downstream 60-feet of the levee was damaged during the February 2020 flood event and the proposed project will repair the damage and reduce future erosion risk to the facility.
9	WLFL1 MF FLOOD CONVEYANCE	Upper Snoq	Agreement	$1,800,000	$0	$0	$1,800,000	$0	$1,800,000	$0	$0	$0	$0	$0	$1,800,000			$1,800,000	North Bend. Overflow channels originating from the Middle Fork Snoqualmie River flow through neighborhoods and cross roads creating risk to homes and infrastructure. Potential solutions include channel modifications, enhancements, and culvert improvements.
10	WLFL1 MF RESIDENTIAL FLD MTGTN	Upper Snoq	FCD Acqu/Elev	$1,732,261	$20,030	$500,000	$1,712,231	$0	$2,212,231	$0	$0	$0	$0	$0	$2,212,231			$2,232,261	Near Near North Bend in unincorporated King County in unincorporated King County. Work with willing sellers to acquire eighteen homes at risk from channel migration along the Middle Fork (Project C in the Capital Investment Strategy)
11	WLFL1 NF CONFL RVTMNT REMOVAL	Upper Snoq	FCD Const	$128,356	$18,848	$682,704	$109,508	$0	$792,212	$13,800	$0	$0	$0	$0	$806,012			$824,860	Near Near North Bend in unincorporated King County in unincorporated King County. This project will acquire flood-prone properties in the North Fork Snoqualmie basin to reduce the risk of flood, erosion, and channel migration damage and secure footprints for future capital projects.
12	WLFL1 NF SNO RES FLD MIT	Upper Snoq	FCD Acqu/Elev	$2,000,053	$53	$500,000	$2,000,000	$0	$2,500,000	$0	$0	$0	$0	$0	$2,500,000			$2,500,053	Near Near North Bend in unincorporated King County in unincorporated King County. This project will acquire flood-prone properties in the North Fork Snoqualmie basin to reduce the risk of flood, erosion, and channel migration damage and secure footprints for future capital projects.
13	WLFL1 NORMAN CREEK CULVERT	Upper Snoq	Agreement	$724,000	$722,080	$0	$1,920	$0	$1,920	$0	$0	$0	$0	$0	$1,920			$724,000	Near North Bend in unincorporated King County. Complete. Replace two existing rusted out 48" corrugated metal pipes on Norman Creek under 428th Ave SE with a new precast concrete box culvert. The new culvert will reduce the time it takes to drain the flood waters off of private property by increasing the capacity of the crossing. Currently when the North Fork Snoqualmie River overflows water backs up against 428th and impedes use of the roadway as the Norman Creek crossing is the normal outflow for this flood water once the North Fork has overtopped the adjacent levees.
14	WLFL1 NORMAN CR US 2024 CULVRT	Upper Snoq	Agreement	$350,000	$11,271	$750,000	$338,729	$0	$1,088,729	$0	$0	$0	$0	$0	$1,088,729			$1,100,000	Near North Bend in unincorporated King County. Improve SE 92nd Street, east of 428th Street, and alleviate roadway flooding by installing a new box culvert.
15	WLFL1 NORTH FORK BRIDGE FEAS	Upper Snoq	Agreement	$464,583	$420,269	$0	$44,315	($44,315)	$0	$0	$0	$0	$0	$0	$0			$420,269	Near North Bend in unincorporated King County. Initiate feasibility study to mitigate the risk of scour damage to the North Fork Bridge by retrofitting the existing structure with deep foundations or alternative risk mitigation strategies.Alternatives analysis report scheduled for submittal in Q3; total project cost may be revised based on the selected alternative.
16	WLFL1 PUMP STN RVTMNT REPAIR	Upper Snoq	FCD Const	$103,030	$22,618	$181,529	$0	$80,551	$262,080	$205,078	$1,099,965	$0	$0	$0	$1,567,123			$1,589,741	Snoqualmie. The Pump Station Revetment reduces erosion risk to a City of Snoqualmie sewage pump station. Erosion to the embankment at the upstream end of the Pump Station Revetement threatens the upstream end of the facility. The project would consider and implement improvements to the facility to reduce future erosion risk.
17	WLFL1 RECORD OFFICE 2016 REPR	Upper Snoq	Agreement	$3,883,278	$3,691,154	$0	$192,124	($192,124)	$0	$0	$0	$0	$0	$0	$0			$3,691,154	Snoqualmie. Repair downstream 200 lineal feet of facility which is missing face rock and toe rock. A significant scour hole has formed around a City of Snoqualmie stormwater outfall pipe at the downstream end of facility. Potential erosion impact to Park Ave SE in City of Snoqualmie, an area included in the City's planned "Riverwalk" park and trail project. Project implemented by City of Snoqualmie as part of Riverwalk project, completed in 2021.
18	WLFL1 REIF RD LEVEE IMPRVMENTS	Upper Snoq	FCD Const	$67,000	$354	$0	$66,646	$0	$66,646	$600,000	$600,000	$160,000	$0	$0	$1,426,646			$1,427,000	Near Near North Bend in unincorporated King County in unincorporated King County. Conduct a feasibility study to determine ways of preventing the overtopping of the Reif Rd Levee. Potential solutions include: repair and/or raise levee in place / setback levee / gravel removal / home elevations.
19	WLFL1 REINIG RD 2016 REPAIR	Upper Snoq	FCD Const	$6,891,008	$6,906,947	$0	($15,939)	$18,939	$3,000	$0	$0	$0	$0	$0	$3,000			$6,909,947	Near Near North Bend in unincorporated King County in unincorporated King County. Repair three primary damage sites just upstream and directly across from the South Fork Snoqualmie confluence totaling ~285 lineal feet. Completed in 2021.
20	WLFL1 RIBARY CREEK	Upper Snoq	Agreement	$952,660	$266,819	$1,157,949	$685,841	$0	$1,843,790	$5,011,044	$0	$0	$0	$0	$6,854,834			$7,121,653	North Bend. Address flooding from Ribary Creek at Bendigo Blvd in North Bend as the Snoqualmie levees prevent drainage to the river during high flows.
21	WLFL1 SF CIS LONG TERM	Upper Snoq	FCD Const				$0	$0	$0	$0	$0	$0	$0	$0	$0		$57,100,000	$57,100,000	Near North Bend in unincorporated King County. Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
22	WLFL1 SF CIS MED TERM	Upper Snoq	FCD Const				$0	$0	$0	$0	$0	$0	$0	$0	$0	$47,200,000		$47,200,000	Near North Bend in unincorporated King County. Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
23	WLFL1 SHAKE MILL LB 2016 RPR	Upper Snoq	FCD Const	$3,139,161	$2,939,679	$0	$199,482	$0	$199,482	$0	$0	$0	$0	$0	$199,482			$3,139,161	Near Near North Bend in unincorporated King County in unincorporated King County. Complete. Total breach of levee - erosion and lateral channel migration is ongoing. No immediately adjacent private property or infrastructure. Continued erosion could threaten 428th Ave embankment or bridge.
24	WLFL1 TATE CR SCOUR REPAIR	Upper Snoq	Agreement	$150,000	$775	$350,000	$149,225	$0	$499,225	$0	$0	$0	$0	$0	$499,225			$500,000	Near North Bend in unincorporated King County. Prepare a Concept Development Report (CDR) to analyze and select best span/alignment replacement bridge and road-raising option as the current bridge does not provide enough hydraulic opening due to the transport of sediments and water overtops the approaches during floods.
25	WLFL1 UPR SNO RES FLD MITIGTN	Upper Snoq	FCD Acqu/Elev	$15,553,740	$13,784,680	$2,000,000	$1,769,060	$730,940	$4,500,000	$0	$0	$0	$0	$0	$4,500,000			$18,284,680	In and around Snoqualmie. This project will continue to acquire or elevate flood-prone structures in the Upper Snoqualmie basin to reduce the risk of flood, erosion, and channel migration damage. Partnership with City of Snoqualmie to elevate homes and cost-share acquisition of homes where City is planning to construct the Riverwalk project.
26	WLFL1 USACE PL 84-99 UPR SNO	Upper Snoq	FCD Const	$663,594	$249,202	$0	$414,392	($414,392)	$0	$0	$0	$0	$0	$0	$0			$249,202	Near Near North Bend in unincorporated King County in unincorporated King County. Ensure eleven South Fork Snoqualmie River levees meet the standards of the US Army Corps of Engineers PL 84-99 program in order to receive future assistance from the Corps in the event of flood damage to the levees.
27	WLFL2 264TH AVE NE @ SR202 FLD	Lower Snoq	Agreement			$0	$0	$0	$0	$540,000	$0	$0	$0	$0	$540,000			$540,000	Near Redmond. Alleviate flooding on this sole access road by replacing the existing culverts and raising the roadway to elminate over-topping during flood events.
28	WLFL2 334TH AVE SE & SE 43RD	Lower Snoq	Agreement			$0	$0	$0	$0	$500,000	$0	$0	$0	$0	$500,000			$500,000	Near Fall City in unincorporated King County. Improve drainage to alleviate neighborhood flooding by constructing a drainage system to flow to the Snoqualmie River.
29	WLFL2 DUTCHMAN RD REPAIR	Lower Snoq	FCD Const	$1,536,907	$1,267,653	$1,112,642	$269,254	$0	$1,381,896	$1,581,189	$6,873,365	$28,363	$0	$0	$9,864,813			$11,132,466	Near Near Duvall in unincorporated King County in unicorporated King County. Repair approximately 200 feet of revetment. Dutchman Road in this location provides the sole access to residences and business on the west side of the Snoqualmie Valley downstream of Near Duvall in unincorporated King County. Continued erosion of the revetment could result in erosion of the road (West Snoqualmie Valley Road NE) which would severely limit access to the downstream property owners during or following a flood event.
30	WLFL2 FALL CITY FLOODPLAIN	Lower Snoq	Agreement	$300,000	$66	$0	$299,934	$0	$299,934	$0	$0	$0	$0	$0	$299,934			$300,000	Near Fall City in unincorporated King County. Project will reconnect floodplain, removing the aging Hafner and Barfuse facilities and replacing with modern flood and erosion protection features. FCD cost-share funding is intended for design of flood risk reduction features.
31	WLFL2 FARM FLOOD TSK FORCE IMP	Lower Snoq	FCD Acqu/Elev	$979,803	$853,997	$0	$125,806	$0	$125,806	$0	$0	$0	$0	$0	$125,806			$979,803	Near Carnation in unincorporated King County. This project provides technical and cost-sharing assistance to agricultural landowners in the Lower Snoqualmie floodplain to help them better withstand the impacts of flooding. Specific project actions include farm pads and elevation or flood proofing of agricultural structures.
32	WLFL2 FISH HATCHERY RD BR #61B	Lower Snoq	Agreement	$700,000	$204,503	$0	$495,497	$0	$495,497	$0	$0	$0	$0	$0	$495,497			$700,000	Near Duvall in unincorporated King County. Strengthen the bridge structure to stabilize it after the most recent flood event, rebuild the east approach roadway to address the current issue and to protect it against major flood events in the future, and restore the eroded creek bed and riverbank profile to buffer the bridge against scour.
33	WLFL2 L SNO 2019 BANK REPAIR	Lower Snoq	Agreement	$2,200,000	$1,078,929	$0	$1,121,071	$0	$1,121,071	$0	$0	$0	$0	$0	$1,121,071			$2,200,000	Near Fall City in unincorporated King County. The river is scouring the road away and David Powell Road is collapsing into the river. This project repaired an existing failing revetment and extend MSE wall to prevent undercutting of the riverbank and roadway. Completed in September 2020.
34	WLFL2 LWR SNO RESDL FLD MITGTN	Lower Snoq	FCD Acqu/Elev	$5,592,577	$3,294,973	$3,224,247	$2,297,604	$0	$5,521,851	$0	$0	$0	$0	$0	$5,521,851			$8,816,824	Near Carnation in unincorporated King County: This project will acquire or elevate flood-prone structures in the lower Snoqualmie basin to reduce the risk of flood or channel migration damage during future flood events.
35	WLFL2 MUD CR SEDIMENT	Lower Snoq	FCD Const	$432,000	$30,101	$0	$401,899	$0	$401,899	$0	$0	$0	$0	$0	$401,899			$432,000	Snoqualmie. Design and permit a sediment facility to minimize sediment deposition, flooding, and channel avulsions at this site.
36	WLFL2 SNOQUALMIE VALLEY FEAS	Lower Snoq	Agreement	$500,000	$315,649	$500,000	$184,351	$0	$684,351	$0	$0	$0	$0	$0	$684,351			$1,000,000	Near Duvall in unincorporated King County. Regional flooding in the Snoqualmie Valley cuts off access to eastern cities. Determine which major roadway(s) that cross the Snoqualmie Valley would be the most cost effective to improve in the valley with chronic flood issues impacting over 25,000 daily drivers.

No.	Title	Basin	Type of project	2023 Inception to Date Budget	2023 Inception to Date Expendiure	2024 Adopted	2023 Carryover	2024 Reallocation Request	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected	6-Year CIP Total (Including 2023 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
37	WLFL2 STOSSEL RB 2018 REPAIR	Lower Snoq	FCD Const	$1,057,886	$1,041,342	$0	$16,544	$0	$16,544	$0	$0	$0	$0	$0	$16,544			$1,057,886	Near Carnation in unincorporated King County. This completed project repaired approximately 250 feet of damage identified in late March 2018 to a section of the Stossel Bridge Right Bank Revetment on the Snoqualmie River, downstream of the City of Near Carnation in unincorporated King County.
38	WLFL2 STOSSEL MAJOR REPAIR	Lower Snoq	FCD Const	$657,078	$723,877	$2,435,174	($66,799)	$0	$2,368,375	$31,827	$0	$0	$0	$0	$2,400,202			$3,124,079	Near Carnation in unincorporated King County. Placeholder costs for long-term facility improvement project to prevent erosion undermining 310th Ave NE.
39	WLFL3 HOLBERG 2019 REPAIR	Tolt	FCD Const	$250,000	$0	$0	$250,000	$0	$250,000	$70,000	$65,000	$377,000	$0	$0	$762,000			$762,000	Near Carnation in unincorporated King County. Facility failure has consequences for property owners immediately landward of facility. Potential for high flows and erosive damage to residences and property.
40	WLFL3 HOLBERG FEASIBILITY	Tolt	FCD Const	$394,845	$362,718	$0	$32,127	$0	$32,127	$0	$0	$0	$0	$0	$32,127			$394,845	Near Carnation in unincorporated King County. Feasibility study to determine the nature and extent of levee improvements necessary to remove four homes in unincorporated King County from the regulatory Channel Migration Zone as mapped in the Tolt River Channel Migration study
41	WLFL3 L FREW LEVEE SETBACK	Tolt	FCD Const	$2,251,096	$1,026,489	$2,153,567	$1,224,607	$0	$3,378,174	$750,000	$14,644,681	$50,000	$0	$0	$18,822,855			$19,849,344	Near Carnation in unincorporated King County. Capital Investment Strategy. Design, based on level of service analysis, the highest priority levee setback for flood risk reduction. Phase 2 construction estimated in CIS at $14.5M-$16.7M
42	WLFL3 LOWER TOLT R ACQUISITION	Tolt	FCD Acqu/Elev	$1,546,475	$562,696	$2,500,000	$983,779	$0	$3,483,779	$0	$0	$0	$0	$0	$3,483,779			$4,046,475	Near Carnation in unincorporated King County. Acquire high-priority flood risk reduction properties in the lower two miles of the Tolt River consistent with the adopted Capital Investment Strategy.
43	WLFL3 RIO VISTA ACQUSITIONS	Tolt	FCD Acqu/Elev	$3,606,331	$2,634,441	$2,000,000	$971,890	$0	$2,971,890	$1,000,000	$0	$0	$0	$0	$3,971,890			$6,606,331	Near Carnation in unincorporated King County. Capital Investment Strategy: Acquire at-risk homes from willing sellers.
44	WLFL3 SAN SOUCI NBRHOOD BUYOUT	Tolt	FCD Acqu/Elev	$5,656,463	$5,046,463	$1,000,000	$610,000	$0	$1,610,000	$0	$0	$0	$0	$0	$1,610,000			$6,656,463	Near Carnation in unincorporated King County. Capital Investment Strategy: acquire at-risk homes from willings sellers.
45	WLFL3 SAN SOUCI ROAD ELEVATION	Tolt	FCD Const	$125,000	$66,545	$0	$58,455	$0	$58,455	$0	$0	$0	$0	$0	$58,455			$125,000	Near Carnation in unincorporated King County. Capital Investment Strategy: Construct Tolt Road NE road elevation or other flood risk reduction mitigation.
46	WLFL3 SEDIMENT MGMT FEAS	Tolt	FCD Const	$263,706	$219,978	$0	$43,728	$0	$43,728	$0	$0	$0	$0	$0	$43,728			$263,706	Near Carnation in unincorporated King County. Capital Investment Strategy: Conduct sediment management feasibility study. Update and include upper watershed sediment production estimates.
47	WLFL3 SR 203 BR IMPRVMNTS FEAS	Tolt	FCD Const	$395,900	$216,990	$0	$178,910	$0	$178,910	$0	$0	$0	$0	$0	$178,910			$395,900	Near Carnation in unincorporated King County. Capital Investment Strategy: Initiate study (with potential future design and construct) to add bridge span(s), raise the highway and relocate King County Parks parking area.
48	WLFL3 TOLT CIS LONG TERM	Tolt	FCD Const				$0	$0	$0	$0	$0	$0	$0	$0	$0		$28,800,000	$28,800,000	Near Carnation in unincorporated King County Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
49	WLFL3 TOLT CIS MED TERM	Tolt	FCD Const				$0	$0	$0	$0	$0	$0	$0	$0	$0	$56,250,000		$56,250,000	Near Carnation in unincorporated King County Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
50	WLFL3 TOLT LEVEE LOS ANALYSIS	Tolt	FCD Const	$1,132,951	$990,037	$0	$142,914	$0	$142,914	$0	$0	$0	$0	$0	$142,914			$1,132,951	Near Carnation in unincorporated King County. Capital Investment Strategy: Conduct a detailed hydraulic analysis to optimize the elevation of new levees to maximize flood risk reduction benefits
51	WLFL3 TOLT R NATURAL AREA ACQ	Tolt	FCD Acqu/Elev	$5,207,655	$3,776,188	$2,000,000	$1,431,467	$0	$3,431,467	$0	$0	$0	$0	$0	$3,431,467			$7,207,655	Near Carnation in unincorporated King County. Capital investment strategy: acquire at-risk homes from willing sellers.
52	WLFL3 GIRL SCOUT LEVEE SETBACK	Tolt	FCD Const	$50,000	$18,784	$200,000		$0	$200,000	$500,000	$1,050,000	$650,000	$9,876,954	$25,000	$12,301,954			$12,320,738	Near Carnation in unincorporated King County This project will set back the Girl Scout Camp Levee to reduce flood risks to the Girl Scout Camp and Remlinger Farms, improve levee integrity, increase the lateral migration area and area for ongoing sediment deposition, reduce long-term levee maintenance costs, and improve instream, floodplain and riparian habitat functions. This project is tied to and contingent on the FCD's decisions on the Tolt Level of Service study.
53	WLFL3 REMLINGER LEVEE IMPRVMNT	Tolt	FCD Const	$87,459	$0	$149,195		$0	$149,195	$169,774	$1,136,972	$0	$0	$0	$1,455,941			$1,455,941	Near Carnation in unincorporated King County Repair approximately 250 feet of the Remlinger Levee. Scope of project may be modified once Tolt River Level of Service project is completed; schedule is contingent on FCD direction on the Tolt level of service project.
54	WLFL3 TOLT R RD NE IMPRVMNTS	Tolt	FCD Const			$0	$0	$0	$0	$91,301	$250,000	$150,000	$2,342,329	$30,000	$2,863,630			$2,863,630	Near Carnation in unincorporated King County Capital Investment Strategy: Initiate design for elevation of one road location to reduce or eliminate isolation. Implement additional road elevations as funds become available.
55	WLFL3 UPPER FREW LEVEE SETBACK	Tolt	FCD Const	$50,175	$12,540	$160,000	$37,635	$0	$197,635	$1,200,000	$1,500,000	$14,800,000	$15,000	$0	$17,712,635			$17,725,175	Near Carnation in unincorporated King County. Capital Investment Strategy: Initiate the levee setback design. Levee setback to increase sediment storage and floodwater conveyance; protect adjacent development; reduce damage to trail bridge.
56	WLFL4 ALPINE MANOR MOB PRK ACQ	Raging	FCD Acqu/Elev	$2,183,810	$1,753,880	$1,250,000	$429,930	$0	$1,679,930	$0	$0	$0	$0	$0	$1,679,930			$3,433,810	Near Preston in unincorporated King County. Acquisition of at-risk homes in the Alpine Manor neighborhood.
57	WLFL4 RAGING SCOUR REPAIR 2017	Raging	Agreement	$80,000	$25,062	$0	$54,938	($54,938)	$0	$0	$0	$0	$0	$0	$0			$25,062	Near Fall City in unincorporated King County.Complete. This bridge has a history of scour damage. One of the arch foundations is exposed. Repair scour mitigation measures to protect the footing. It serves only one house but is a designated King County Landmark.
58	**Snoqualmie-South Fork Skykomish Subtotal**			$91,669,894	$64,315,402	$29,415,607	$27,155,406	$95,687	$56,666,700	$15,273,733	$27,687,983	$16,215,363	$12,234,283	$4,255,000	$132,333,062			$385,998,464	
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61	WLFL5 ALLEN LK OUTLET IMPRVMNT	Sammamish	Agreement	$881,256	$124,685	$1,500,000	$756,571	$0	$2,256,571	$400,000	$10,000	$0	$0	$0	$2,666,571			$2,791,256	Sammamish. To address chronic flooding on this sole access roadway with approximately 200 properties, look at upstream and downstream retention/detention options; study road-raining options; prepare Concept Development Report, analyze and select best options.
62	WLFL5 GEORGE DAVIS CRK PASSAGE	Sammamish	Agreement	$400,000	$0	$0	$400,000	$0	$400,000	$0	$0	$0	$0	$0	$400,000			$400,000	Sammamish. This project will restore access to one river mile of high quality kokanee salmon habitat and reduce the risk of flooding by reducing sediment deposition.
63	WLFL5 IRWIN RIGHT REPAIR 2020	Sammamish	FCD Const	$836,037	$798,562	$0	$37,475	$0	$37,475	$0	$0	$0	$0	$0	$37,475			$836,037	Near Issaquah in unincorporated King County. Further damage to the facility could cut off the sole access to one resident (via a private road and bridge over the creek).
64	WLFL5 ISSAQUAH CREEK CIS	Sammamish	FCD Const	$200,000	$17,168	$780,000	$182,832	$0	$962,832	$300,000	$0	$0	$0	$0	$1,262,832			$1,280,000	Near Issaquah in unincorporated King County: Identify and prioiritize near-, mid-, and long-term capital projects for Flood Control District funding along Near Issaquah in unincorporated King County Creek.
65	WLFL5 JEROME 2020 REPAIR	Sammamish	Agreement	$355,083	$80,329	$0	$274,754	$0	$274,754	$0	$0	$0	$0	$0	$274,754			$355,083	Issaquah. The Jerome Revetment protects three private residences in the City of Issaquah. Erosion of the revetment could result in loss of property and damage to private utilities. Loss of bank in front of middle property. 70 linear feet (LF) of erosion.
66	WLFL5 LK SAMM FL MIT GRANTS	Sammamish	Agreement	$1,000,000	$8,106	$0	$991,894	$0	$991,894	$0	$0	$0	$0	$0	$991,894			$1,000,000	Issaquah: Funding for a near-term grant program to help fund flood mitigation options for lakeside landowners, such as floating docks, relocation or elevation of outbuilding and other damage-reduction and floodproofing measures. Established pursuant to FCDEM2021-3.
67	WLFL5 MOMB 2020 REPAIR	Sammamish	FCD Const	$379,342	$325,195	$525,000	$54,147	$0	$579,147	$15,000	$0	$0	$0	$0	$594,147			$919,342	Near Issaquah in unincorporated King County. Damage to the SE 156th St. road next flood season could cut off the sole access to a community of about 30 homes. More erosion at the downstream end of the facility may further destabilize the steep slope of the landslide and threaten downstream homeowners.
68	WLFL5 SAMMAMISH CIS	Sammamish	FCD Const	$2,368,401	$1,630,378	$784,719	$738,023	$0	$1,522,742	$0	$0	$0	$0	$0	$1,522,742			$3,153,120	Redmond, Woodinville, Bothell, and Kenmore: Identify and prioiritize near-, mid-, and long-term capital projects for Flood Control District funding along the Sammamish River.
69	WLFL5 WILLOWMOOR FLDPLAIN REST	Sammamish	FCD Const	$4,221,871	$3,927,652	$400,000	$294,219	$238,106	$932,325	$0	$0	$0	$0	$0	$932,325			$4,859,977	Redmond. Willowmoor Floodplain Restoration Project seeks to reduce the frequency and duration of high lake levels in Lake Sammamish while maintaining downstream Sammamish River flood control performance and enhancing habitat. Design only, does not include implementation costs. The project will reconfigure the Sammamish transition zone to ensure ongoing flow conveyance, downstream flood control, potential extreme lake level reduction, habitat conditions improvement, and reduction of maintenance impacts and costs. Project is currently on hold pending completion of a 3rd party review.
70	WLFL6 148TH LARSEN LK BELLEVUE	Lk Wash Tribs	Agreement	$538,500	$434,223	$0	$104,277	$0	$104,277	$0	$0	$0	$0	$0	$104,277			$538,500	Bellevue. Conduct a site assessment and initiate preliminary design to progress toward construction of best drainage treatments and resilient design to reduce or eliminate roadway flooding on 148th Ave SE. Improve high water flow capacity for Larsen Lake/Lake Hills Greenbelt to Kelsey Creek where it floods 148th Avenue SE during moderate to severe storm and longer duration rainfall periods.

No.	Title	Basin	Type of project	2023 Inception to Date Budget	2023 Inception to Date Expendiure	2024 Adopted	2023 Carryover	2024 Reallocation Request	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected	6-Year CIP Total (Including 2023 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
71	WLFL6 BEAR CRK FLOOD EROSION	Lk Wash Tribs	Agreement	$1,550,000	$128	$0	$1,549,872	$0	$1,549,872	$0	$0	$0	$0	$0	$1,549,872			$1,550,000	Redmond. Protect Avondale Rd from an embankment that has been scoured by floodwaters from Bear Creek.
72	WLFL6 FACTORIA BLVD DRAINAGE	Lk Wash Tribs	Agreement	$6,814,000	$0	$0	$6,814,000	$0	$6,814,000	$0	$0	$0	$0	$0	$6,814,000			$6,814,000	Bellevue. Reduce flooding during high-intensity storm events along Factoria Boulevard, a major transportation corridor within the City of Bellevue. These events have increased in frequency and are anticipated to be even more frequent in the future as a result of climate change.
73	WLFL6 ISSAQUAH TRIB FEAS	Lk Wash Tribs	Agreement	$350,000	$323,371	$0	$26,629	$0	$26,629	$0	$0	$0	$0	$0	$26,629			$350,000	Near Issaquah in unincorporated King County. Prepare a feasibility analysis report which will include, but is not limited to, surveying, geotechnical analysis, traffic analysis, and hydraulic analysis to idenify potential solutions to bridge deficiencies, including a constructed hydraulic opening with piles that collect debris and pose risks to the stability of the bridge.
74	WLFL6 LOWER COAL CRK PH I	Lk Wash Tribs	Agreement	$11,846,592	$11,529,354	$1,310,000	$317,238	$0	$1,627,238	$1,432,358	$0	$0	$0	$0	$3,059,596			$14,588,950	Bellevue. Increase conveyance capacity at the five box culvert crossings. Disconnect local storm drainage outfall from Coal Creek and redirect them to Lake Washington. Implemented by City of Bellevue. Expenditure forecast to be updated based on current project schedule.
75	WLFL6 MAY VALLEY 186TH CULVERT	Lk Wash Tribs	FCD Const			$500,000	$0	$0	$500,000	$0	$0	$0	$0	$0	$500,000			$500,000	Near Renton in unincorporated King County. Reduce surface water flooding by replacing the culvert on East-West ditch under 186th Avenue SE.
76	WLFL6 MAY VALLEY DRAINAGE	Lk Wash Tribs	Agreement	$530,000	$270,747	$0	$259,253	$0	$259,253	$0	$0	$0	$0	$0	$259,253			$530,000	Newcastle. As recommended in the May Creek Basin Plan, two sediment traps will be constructed on May Creek tributaries (Cabbage and Country Creeks) to limit sediment loading. FCD funding is for initial feasibility analysis, landowner outreach, and acquisition of property from willing sellers for a future sediment facility.
77	WLFL7 BELMONDO 2020 REPAIR	Cedar	FCD Const	$391,800	$420,694	$1,546,469	($28,894)	$0	$1,517,575	$18,000	$0	$0	$0	$0	$1,535,575			$1,956,269	Near Renton in unincorporated King County. Critical facilities (Utilities, CRT, SR 169). Regional impact extents. Potential human injury from sudden change in conditions. Generally exposed bank - damage likely to occur next major high-flow event.
78	WLFL7 BYERS NBHOOD IMPROVMENTS	Cedar	FCD Const	$220,000	$7,954	$0	$212,046	$0	$212,046	$0	$0	$0	$0	$0	$212,046			$220,000	Near Renton in unincorporated King County. Capital Investment Strategy: Take several actions to reduce flood risk including construction of an emergency egress route, acquisition of flood-prone homes, and possible elevation of neighborhood roads. The Cedar CIS will be reviewed by the District in light of changed conditions from the 2020 flood disaster.
79	WLFL7 CDR PRE-CONST STRTGC ACQ	Cedar	FCD Acqu/Elev	$8,330,532	$5,276,138	$2,000,000	$3,054,394	$0	$5,054,394	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$15,054,394			$20,330,532	Near Renton in unincorporated King County. This project will acquire strategic real estate upon which several large Flood Control District capital projects are dependent (Project J in the Capital Investment Strategy). Assumes 3 homes per year.
80	WLFL7 CEDAR CIS LONG TERM	Cedar	FCD Acqu/Elev				$0	$0	$0	$0	$0	$0	$0	$0	$0		$35,400,000	$35,400,000	Near Renton in unincorporated King CountyImplement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
81	WLFL7 CEDAR CIS MED TERM	Cedar	FCD Acqu/Elev				$0	$0	$0	$0	$0	$0	$0	$0	$0	$22,000,000		$22,000,000	Near Renton in unincorporated King CountyImplement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
82	WLFL7 CEDAR R DWNSTREAM IMPV	Cedar	Agreement		$0	$150,000	$0	$0	$150,000	$0	$0	$0	$0	$0	$150,000			$150,000	Near Renton in unincorporated King County Improve Cedar Grove Road near Byers Road SE and alleviate roadway flooding by raising the road through the application of a thick layer of overlay.
83	WLFL7 CEDAR RES FLOOD MITIGTN	Cedar	FCD Acqu/Elev	$4,605,134	$3,522,731	$1,732,989	$1,082,403	$0	$2,815,392	$2,000,000	$1,600,000	$1,600,000	$1,600,000	$1,600,000	$11,215,392			$14,738,123	Near Renton in unincorporated King County. Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee. Project K on the CIS: Risk analysis has identified 53 homes as high risk from flooding and channel migration, but which are not mitigated by projects. Elevate or purchase approximately 2 homes per year.
84	WLFL7 CEDAR RVR GRAVEL REMOVAL	Cedar	Agreement	$12,835,100	$10,574,387	$0	$2,260,713	$0	$2,260,713	$500,000	$500,000	$500,000	$0	$0	$3,760,713			$14,335,100	Renton. The project ensures the minimum required 100-year flood conveyance capacity along the lower 1.25 miles of the Cedar River. Project is a required maintenance action by the Army Corps of Engineers Section 205 Flood Control Project. Maintenance dredging took place in 2016. Project funding shown herein represent post construction mitigation monitoring and reporting as well as the planning and design of the next dredging project. Additional funding will be needed beyond 2026 to cover permitting, mitigation plan development, construction, mitigation and post-construction monitoring work associated with the next cycle of dredging.
85	WLFL7 CEDAR R GRAVEL PHASE II	Cedar	Agreement			$0	$0	$0	$0	$0	$0	$0	$0	$10,500,000	$10,500,000			$10,500,000	Renton. The project ensures the minimum required 100-year flood conveyance capacity along the lower 1.25 miles of the Cedar River. Project is a required maintenance action by the Army Corps of Engineers Section 205 Flood Control Project. Maintenance dredging took place in 2016. Project funding shown herein represent post construction mitigation monitoring and reporting as well as the planning and design of the next dredging project. Additional funding will be needed beyond 2026 to cover permitting, mitigation plan development, construction, mitigation and post-construction monitoring work associated with the next cycle of dredging.
86	WLFL7 RENTON LEVEE CERTIFICATN	Cedar	Agreement	$5,000,000	$1,078,341	($3,312,078)	$3,921,659	$0	$609,581	$2,500,000	$812,078	$0	$0	$0	$3,921,659			$5,000,000	Renton. Levee improvements necessary to satisfy levee certification engineering recommendations.
87	WLFL7 CRT SITE 5 2020 REPAIR	Cedar	FCD Const	$568,015	$329,122	$99,605	$238,893	$0	$338,498	$2,200,000	$20,000	$0	$0	$0	$2,558,498			$2,887,620	Near Renton in unincorporated King County. Erosion and scour have resulted in loss of toe and bank rock, oversteepened and undercut banks (some portions cantilevered). Scour has undermined numerous large trees, likely to fall into the channel likely resulting in further damage of the bank. Damage is observed along approximately 350 feet of facility, near the upstream end.
88	WLFL7 CRT SITE 5B 2020 REPAIR	Cedar	FCD Const	$320,000	$325,321	$0	($5,321)	$10,321	$5,000	$0	$0	$0	$0	$0	$5,000			$330,321	Near Renton in unincorporated King County. Erosion and scour have resulted in loss of toe and bank rock, oversteepened and undercut banks (some portions cantilevered). Scour has undermined numerous large trees, likely to fall into the channel likely resulting in further damage of the bank. Damage is observed along approximately 350 feet of facility, near the upstream end.
89	WLFL7 CRT2 ZONE D 2020 REPAIR	Cedar	Agreement	$5,335,656	$2,808	$0	$5,332,848	$0	$5,332,848	$0	$0	$0	$0	$0	$5,332,848			$5,335,656	Near Renton in unincorporated King County Critical facilities (Utilities, CRT, SR 169). Regional impact extents. Potential human injury from sudden change in conditions. Damage may occur next flood season/likelihood increasing. This repair addresses damage to the CRT 2 revetment downstream of the 2020 emergency repair site, retrofitting the 2020 emergency repair with wood bank deflectors for long-term protection, and extending CRT 2 upstream to replace the damaged Riverbend Lower revetment, which will be removed as part of the Riverbend phase 2 project.
90	WLFL7 CRT SITE 2 2020 REPAIR	Cedar	Agreement	$1,233,000	$1,234,169	$1,169	($1,169)	$0	$0	$0	$0	$0	$0	$0	$0			$1,234,169	Near Renton in unincorporated King County Complete. This emergency action will armor up to 300 feet river bank and construct a buried revetment to stabilize the bank and prevent further erosion to the most damaged portion. This emergency action and the subsequent extension are upstream of the CRT 2 revetment in an area referred to as "Zone B."
91	WLFL7 DORRE DON AVLSN ANALYSIS	Cedar	FCD Const	$100,000	$42,152	($58,107)	$57,848	$259	$0	$0	$0	$0	$0	$0	$0			$42,152	Near Renton in unincorporated King County. The main channel has avulsed into the previous left floodplain, leading to erosion of the channel bank, adjacent to 231st Pl SE.
92	WLFL7 DORRE DON NBHOOD IMPV	Cedar	FCD Const	$800,000	$0	$0	$800,000	$0	$800,000	$0	$0	$0	$0	$0	$800,000			$800,000	Near Renton in unincorporated King County. Capital Investment Strategy: This project will acquire flood-prone homes per the Cedar CIS, as well as evaluate if changes to the levee and road elevation will result in meaningful flood risk reduction and to determine what level of protection can be provided. The study would also evaluate other structural improvements such as raising Lower Dorre Don Way SE upstream and downstream of the trail crossing and farther downstream near RM 16.3. The Cedar CIS will be reviewed by the District in light of changed conditions from the 2020 flood disaster.
93	WLFL7 HERZMAN LEVEE SETBACK	Cedar	FCD Const	$3,712,467	$3,905,049	$8,313,677	($192,582)	$0	$8,121,095	$121,364	$0	$0	$0	$0	$8,242,459			$12,147,508	Near Renton in unincorporated King County. Capital Investment Strategy: Setback levee; excavate side-channel to reduce pressure on revetment; reconstruct, reinforce and/or extend revetment; acquire up to 5 properties.
94	WLFL7 ISSAQUAH MAY VALLEY IMPV	Cedar	Agreement	$100,000	$88,319	$0	$11,681	$0	$11,681	$0	$0	$0	$0	$0	$11,681			$100,000	Near Issaquah in unincorporated King County. This project will construct improvements to the intersection which could be either a roundabout or additional travel lanes with a travel signal at the intersection of Near Issaquah in unincorporated King County Hobart Road SE and SE May Valley Road. Complete.
95	WLFL7 JAN RD LEVEE SETBACK	Cedar	FCD Const	$15,976,060	$15,106,382	$0	$869,678	$0	$869,678	$0	$0	$0	$0	$0	$869,678			$15,976,060	Near Renton in unincorporated King County. Capital Investment Strategy: Suite of solutions to be determined as part of feasibility study. Includes raise road, partial removal of Jan Road levee, construction of side channel, and mitigation of at-risk properties. Construction completed in 2022.
96	WLFL7 LOWER CEDAR FEAS STUDY	Cedar	Agreement	$520,000	$184,866	$0	$335,134	$0	$335,134	$165,239	$0	$0	$0	$0	$500,373			$685,239	Renton. Capital Investment Strategy: Conduct feasibility study of Lower Cedar reach in City of Renton to 1) quantity economic damage potential 2) determine infrastructure modifications to improve flood resiliency and sediment storage potential, and 30 conduct cost-benefit analysis.
97	WLFL7 LOWER JONES IMPRVMNTS	Cedar	FCD Const	$2,654,203	$682,439	$0	$1,971,764	$0	$1,971,764	$0	$0	$0	$0	$0	$1,971,764			$2,654,203	Near Renton in unincorporated King County. Capital Investment Strategy: Raise in place or setback Jones Road; excavate and stabilize right bank to increase conveyance capacity; reinforce one revetment; remove portion of another revetment; acquire 8 at risk properties.
98	WLFL7 MADSEN CR CULVERT 2017	Cedar	Agreement	$3,326,000	$3,238,413	$0	$87,587	$0	$87,587	$0	$0	$0	$0	$0	$87,587			$3,326,000	Near Renton in unincorporated King County To address a culvert failure affecting approximately 10 properties, prepare Concept Development Report to analyze and select best culvert replacement and road-raising option; and analyze upstream and downstream retention/detention impacts.
99	WLFL7 MADSEN CR RENTON	Cedar	Agreement	$635,000	$619,827	($15,173)	$15,173	$0	$0	$0	$0	$0	$0	$0	$0			$619,827	Renton. Design and implement phase I improvements to Madsen Creek to achieve 100-year level flood protection for properties south of SR 169 and 25-year level flood protection for properties north of SR 169.
100	WLFL7 MAPLEWOOD FEAS STUDY	Cedar	FCD Const	$490,246	$477,246	$0	$13,000	$0	$13,000	$0	$0	$0	$0	$0	$13,000			$490,246	Renton. Capital Investment Strategy: Conduct site specific landslide risk assessment study; conduct a feasibility study to evaluate opportunities to modify the Erickson Levee. Pending results of landslide hazard analysis, FCD will consider options for a project.
101	WLFL7 PROGRESSIVE INVST LEVEE	Cedar	FCD Const			$215,118	$0	$0	$215,118	$720,199	$26,444	$0	$0	$0	$961,761			$961,761	Renton. This project will remove the Progressive Investment Levee. It is a companion project for the CRT 5 and CRT 5B projects and will provide effective habitat lift not provided at these project sites. The Progressive Investment Levee, near River Mile 8.4 on the Cedar River, is a vestigial flood protection facility that is on public land, is currently eroding and is not directly adjacent to critical infrastructure.
102	WLFL7 TABOR-CRWALL 2020 REPAIR	Cedar	FCD Const	$1,974,453	$1,068,864	$744,302	$905,589	$799,520	$2,449,411	$4,568,179	$70,662	$0	$0	$0	$7,088,252			$8,157,116	Near Renton in unincorporated King County. Critical facilities (Utilities, CRT, SR 169). Regional impact extents. Potential human injury from sudden change in conditions. Generally exposed bank along 200 feet - damage likely to occur next major high-flow event.
103	WLFL7 RIVERBEND MHP ACQ	Cedar	FCD Acqu/Elev	$5,133,210	$5,182,126	$48,916	($48,916)	$0	$0	$0	$0	$0	$0	$0	$0			$5,182,126	Near Renton in unincorporated King County. This project represents the Flood District contribution to a larger project that relocates mobile home park tenants and initiates preliminary engineering design for potential levee setback / realignment to reduce flood heights, velocities and channel migration risk in this reach. Disappropriate remainder after FCD portion of scope is complete.
104	WLFL7 SR 169 FLOOD REDUCTION	Cedar	FCD Const	$5,485,588	$5,261,359	$0	$224,229	$0	$224,229	$0	$0	$0	$0	$0	$224,229			$5,485,588	Near Renton in unincorporated King County. Conduct feasibility study in coordination with WSDOT to evaluate flood risk reduction opportunities, such as elevating SR 169, upgrading the local drainage infrastructure, and / or installation of back flow prevention gates. Funding added in 2019 pending FCD decision to move forward with preliminary design.
105	**Cedar-Sammamish Subtotal**			$112,017,546	$78,098,606	$17,266,606	$33,918,941	$1,048,206	$52,233,753	$16,940,339	$5,039,184	$4,100,000	$3,600,000	$14,100,000	$96,013,276			$231,511,882	
106																			
107																			
108	WLFL8 BRISCOE LEVEE SETBACK	Green	Agreement	$23,330,271	$21,376,401	$0	$1,953,870	$0	$1,953,870	$0	$0	$0	$0	$0	$1,953,870			$23,330,271	Kent. Floodwall construction at four locations completed by the City of Kent. Final expenditures for the remainder of 2017 will include reimbursement for property acquisition and riparian plantings. The revised 2017 financial plan includes revenue of $4.1 million for the sale of the Rivers Edge Business Park. Per FCD 2016-20 Section 6, this revenue makes expenditure authority available for the Lower Russell Levee Setback project. The Briscoe project will be closed out once the District's ILA with Kent expires in 2018.
109	WLFL8 BRPS CONTROL BLDG RPLCMT	Green	FCD Const	$1,144,012	$916,790	$509,123	$227,222	$0	$736,345	$1,747,989	$3,960,942	$8,938,407	$3,208,925	$0	$18,592,608			$19,509,398	Renton. This project will design and build the second phase of renovations to the Black River pump station. Major components include replacement of the control building, replacement of the trash rake system, and replacement of the screen spray system.

No.	Title	Basin	Type of project	2023 Inception to Date Budget	2023 Inception to Date Expendiure	2024 Adopted	2023 Carryover	2024 Reallocation Request	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected	6-Year CIP Total (Including 2023 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
110	WLFL8 BRPS FISH PASS IMPRVMNTS	Green	FCD Const	$3,589,122	$2,868,668	$4,239,899	$720,454	$0	$4,960,353	$13,863,796	$39,983,187	$71,113,669	$15,906,811	$0	$145,827,816			$148,696,485	Renton. This project will design and build the fourth phase of renovations to the Black River pump station, revising and replacing the obsolete fish passage systems.
111	WLFL8 BRPS HIGH-USE ENGINES	Green	FCD Const	$12,740,727	$10,833,791	$0	$1,906,936	$0	$1,906,936	$0	$0	$0	$0	$0	$1,906,936			$12,740,727	Renton. This project will design and build the first phase of renovations to the Black River pump station, replacing the three smaller pump engines which run much more frequently than the other, larger pump engines.
112	WLFL8 BRPS LARGE ENGINE	Green	FCD Const		$0	$87,418	$0	$0	$87,418	$0	$0	$0	$1,091,805	$11,241,923	$12,421,146			$12,421,146	Renton. This project will design and replace the large engines and overhaul the large pumps at the Black River pump station.
113	WLFL8 BRPS SEISMIC UPGRADES	Green	FCD Const	$2,279,149	$1,274,461	$1,804,738	$1,004,688	$0	$2,809,426	$6,196,267	$12,764,310	$30,238,651	$14,218,740	$0	$66,227,394			$67,501,855	Renton. This project will strengthen and improve the structure and subsurface soils at the Black River Pump Station.
114	WLFL8 BRPS SUPPORT SYS UPGRADE	Green	FCD Const	$1,486,439	$1,424,229	$70,546	$62,210	$0	$132,756	$242,206	$548,840	$1,238,532	$444,638	$0	$2,606,972			$4,031,201	Renton. This project will design and build the third phase of renovations to the Black River pump station, replacing support systems such as engine control panels, cooling systems, oilers and hoists.
115	WLFL8 COVINGTON CR BLK DIAMOND	Green	Agreement	$2,293,500	$167,260	$475,000	$2,126,240	$0	$2,601,240	$0	$0	$0	$0	$0	$2,601,240			$2,768,500	Black Diamond. Remove the three 6-foot diameter culverts where Lake Sawyer flows into Covington Creek and replace with a bridge to eliminate obstructions for water flow and allow passage for migrating salmon.
116	WLFL8 DESIMONE MAJOR REPAIR	Green	Agreement	$1,626,852	$1,150,869	$5,094,174	$475,983	$19,429,843	$25,000,000					$0	$25,000,000			$26,150,869	Tukwila. Construct a floodwall to design elevation for 18,800 cfs plus 3 feet of freeboard, repairing slope failures, laying the levee embankment slope back and shifting the levee alignment (and trail) landward where possible. The floodwall will connect previously constructed floodwalls at Desimone reaches 1 and 2.
117	WLFL8 DYKSTRA 2022 REPAIR	Green	FCD Const	$10,000	$322	$0	$9,678	$0	$9,678	$0	$0	$0	$0	$0	$9,678			$10,000	Auburn: New flood damage repair project. Address scour and bank erosion and missing toe rock upstream of 2015 Corps of Engineers repair.
118	WLFL8 FORT DENT 2020 REPAIR	Green	FCD Const	$1,118,933	$529,116	$984,064	$589,817	$0	$1,573,881	$5,366,689	$39,666	$0	$0	$0	$6,980,236			$7,509,352	Damage increases vulnerability of the heavily used regional Green River trail and regional soccer complex (Starfire) and Tukwila Park. Erosion increases vulnerability to trail and soccer fields.
119	WLFL8 GALLIDYKSTRA 2020 REPAIR	Green	FCD Const	$1,656,680	$1,379,601	$0	$277,079	$0	$277,079	$0	$0	$0	$0	$0	$277,079			$1,656,680	Auburn. Complete Phase 1 repair per a request from the City of Auburn. Elevate 3500 feet levee reach to meet FEMA levee certification requirements.
120	WLFL8 GREEN PRE-CONSTRCTN ACQ	Green	FCD Acqu/Elev	$17,577,724	$8,703,445	$0	$8,874,279	$0	$8,874,279	$5,000,000	$5,000,000	$5,000,000	$5,000,000	$5,000,000	$33,874,279			$42,577,724	Auburn, Kent, Near Renton in unincorporated King County, Tukwila. This project will acquire strategic real estate upon which future large Flood Control District capital projects are dependent, thereby reducing risks to construction schedules for those projects.
121	WLFL8 GREEN R IMPRVMNT 2024	Green	Agreement			$150,000	$0	$0	$150,000	$0	$0	$0	$0	$0	$150,000			$150,000	Auburn. Improve SE Green Valley Road near SE Auburn Black Diamond Road and alleviate roadway flooding by raising the road through the application of a thick layer of overlay.
122	WLFL8 GREEN SCOUR REPAIR 2017	Green	Agreement	$150,000	$47,524	$0	$102,476	$0	$102,476	$0	$0	$0	$0	$0	$102,476			$150,000	Auburn. This project will address scour damage to the bridge, which is on the primary through route of the Green River Valley Rd. The bridge is also a King County landmark.
123	WLFL8 HSB BREDA SETBACK KENT	Green	Agreement	$15,030,509	$931,214	$400,000	$14,099,295	$0	$14,499,295	$0	$0	$0	$0	$0	$14,499,295			$15,430,509	Kent. This project will reconstruct the Horseshoe Bend Levee at the Breda reach (RM 24.46-24.72) to a more stable configuration in order to reduce flood risk to the surrounding areas. The project will also raise levee crest elevations to contain the 500-year (0.2% annual chance) flood. This segment of the levee has the lowest factor of safety rating of the Horseshoe Bend levee.
124	WLFL8 HSB MCCOY REALIGN KENT	Green	Agreement	$2,704,244	$291,295	$700,000	$2,412,949	$0	$3,112,949	$0	$0	$0	$0	$0	$3,112,949			$3,404,244	Kent. This USACE repair project replaces the SWIF capital project originally planned by the FCD. The repair project is anticipated to stabilize the failure of the levee slope, construct a ring levee around an isolated utility, and shift the alignment of the federal levee back to the City of Kent's secondary containment levee.
125	WLFL8 KNT ARPT RVT 2022 REPAIR	Green	FCD Const	$425,127	$248,207	$978,750	$176,920	$0	$1,155,670	$12,750	$0	$0	$0	$0	$1,168,420			$1,416,627	Kent: New flood damage repair project. Stabilize over steepened bank and rock revetment that has been undercut by rotational bank failure.
126	WLFL8 LOWER RUSSELL ACQ KENT	Green	FCD Const	$1,123,668	$1,023,656	($100,012)	$100,012	$0	$0	$5,000	$0	$0	$0	$0	$5,000			$1,028,656	Kent. Acquisitions by the City of Kent for the Lower Russell levee setback project.
127	WLFL8 LWR GRN R CORR PLAN/EIS	Green	FCD Const	$748,519	$681,217	$0	$67,302	$0	$67,302	$5,000	$0	$0	$0	$0	$72,302			$753,519	Auburn, Kent, Renton, Tukwila. Lower Green River Corridor Planning and Environmental Impact Statement.
128	WLFL8 LWR RUSSELL LEVEE SETBCK	Green	FCD Const	$57,965,925	$57,400,148	$0	$565,777	$0	$565,777	$0	$0	$0	$0	$0	$565,777			$57,965,925	Kent. Remove and replace the existing flood containment system of levee and revetments along the right (east) bank of the Green River between river mile 17.85 (S 212th St) and river mile 19.25 (S 231st Way) in the City of Kent to provide long-term flood protection and improve riparian and aquatic habitat. Increased expenditure authority to match interim SWIF adopted by Board of Supervisors.
129	WLFL8 MILWAUKEE LEVEE #2 KENT	Green	Agreement	$19,400,000	$2,261,656	$0	$17,138,344	$0	$17,138,344	$0	$0	$0	$0	$0	$17,138,344			$19,400,000	Kent. Prepare an analysis and study of design and construction alternatives to provide flood protection, scour protection, enable levee certification and secure necessary land rights.
130	WLFL8 O'CONNELL 2021 REPAIR	Green	FCD Const	$632,006	$248,793	$164,800	$383,213	$0	$548,013	$1,025,095	$22,947	$0	$0	$0	$1,596,055			$1,844,848	Kent: Stabilize the O'Connell revetment slope, and move or replace the road shoulder and guardrail.
131	WLFL8 RUSSELL RD UPPER KENT	Green	Agreement	$6,082,173	$6,065,056	($17,117)	$17,117	$0	$0	$23,195,000	$9,595,255	$0	$0	$0	$32,790,255			$38,855,311	Kent. Project is to improve the levee by providing a minimum of 3 feet of freeboard above the predicted 500-year flood event and improve slope stability. These segments of the Russell Road Upper Levee have over-steepened slopes and therefore lack adequate structural stability to provide adequate safety.
132	WLFL8 SIGNATURE PT RVTMNT	Green	Agreement	$18,305,164	$1,529,793	$5,650,000	$16,775,371	$0	$22,425,371	$23,195,000	$9,595,255	$0	$0	$0	$55,215,626			$56,745,419	Kent. Project provides increased level of protection to 1.5 miles of Lower Green River Corridor. Alternative selected by Executive Committee.
133	WLFL8 TUK-205 GUNTER FLOODWALL	Green	FCD Const	$8,546,716	$1,718,240	$2,909,586	$6,828,476	$0	$9,738,062	$2,047,500	$4,432,790	$26,355,345	$61,500	$0	$42,635,197			$44,353,437	Tukwila. This project will construct a facility to bring this levee segment in compliance with certification requirements for structural stability and raise the levee to roughly the 500 year event.
134	WLFL8 TUK-205 RATOLO FLOODWALL	Green	FCD Const	$50,000	$0	$300,000	$50,000	$0	$350,000	$1,400,000	$50,000	$0	$0	$0	$1,800,000			$1,800,000	Tukwila. This project will construct a 0.15 mile floodwall and sloped embankment to protect adjacent businesses from flooding. The floodwall alignment (including embankment slope, factors of safety, and necessary real estate) will be finalized during the project design phase.
135	WLFL8 TUK-205 USACE GACO-SEGAL	Green	Agreement	$1,069,950	$993,500	$195,466	$76,450	$0	$271,916	$629,220	$5,138,549	$29,504	$0	$0	$6,069,189			$7,062,689	Tukwila. US Army Corps led project to replace 3500 ft. of Tukwila 205 levee in-place replacement to bring up to 500-year level of protection per the adopted interim SWIF. The USACE will cost-share up to 100 year level of protection. Requires cooperation agreement.
136	WLFLS PUGET WAY CULVERT	Green	Agreement	$1,800,000	$1,573,529	$0	$226,471	$0	$226,471	$0	$0	$0	$0	$0	$226,471			$1,800,000	Seattle. This project will replace an aging and undersized creek culvert under Puget Way SW in Seattle.
137	WLFLS S PARK FLOOD PREVENTION	Green	Agreement	$1,551,000	$0	$490,000	$1,551,000	$0	$2,041,000	$0	$0	$0	$0	$0	$2,041,000			$2,041,000	Seattle. Installation and maintenance of a temporary barrier along the Duwamish River in South Park, including project management, staging and demobilization, and related work; culturally appropriate flood-related education, outreach, and engagement on near and long-term flood reduction strategies, and communication materials.
138	WLFLS SOUTH PARK DWMSH BACKWTR	Green	Agreement	$6,505,000	$6,504,454	($546)	$546	$0	$0	$0	$0	$0	$0	$0	$0			$6,504,454	Seattle. Cost-share construction of pump station to reduce flooding in industrial area. Allocation of funds by year may be revised based on updated project schedule. Implemented by the City of Seattle. Expenditure forecast to be updated based on current project schedule.
139	WLFLS S PARK DRAIN IMPROVMNTS	Green	Agreement	$17,105,000	$17,105,410	$0	($410)	$410	$0	$0	$0	$0	$0	$0	$0			$17,105,410	Seattle. The South Park Drainage Conveyance Improvements Project will install a formal conveyance system in the streets, to get flows to the pump station. The conveyance improvements will work in conjunction with the Pump Station.
140	**Green-Duwamish Subtotal**			$228,048,410	$149,248,643	$25,085,889	$78,799,765	$19,430,253	$123,315,907	$83,931,512	$91,131,742	$142,914,107	$39,932,419	$16,241,923	$497,467,611			$646,716,254	
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143	WLFL9 212TH AVE SE @ SR 164	White	Agreement			$0	$0	$0	$0	$190,000	$0	$0	$0	$0	$190,000			$190,000	Enumclaw. Improve the drainage system to alleviate neighborhood flooding. May require improvements outside of the road right-of-way.
144	WLFL9 212TH AVE SE MITIGATION	White	Agreement	$65,000	$0	$0	$65,000	$0	$65,000	$0	$0	$0	$0	$0	$65,000			$65,000	Enumclaw. TBD
145	WLFL9 A STREET 2022 HESCOS	White	FCD Const	$420,000	$135,638	$0	$284,362	$0	$284,362	$0	$0	$0	$0	$0	$284,362			$420,000	Pacific. Complete. Reduces flood elevations that impact residential neighborhoods in the City of Pacific (200 homes, with $52 million of assessed and $13 million content value), improves sediment storage and enhances habitat.
146	WLFL9 COUNTYLINE TO A STREET	White	FCD Const	$23,926,129	$23,896,323	$0	$29,806	$220,194	$250,000	$0	$0	$0	$0	$0	$250,000			$24,146,323	Pierce County. Complete. Reduces flood elevations that impact residential neighborhoods in the City of Pacific (200 homes, with $52 million of assessed and $13 million content value), improves sediment storage and enhances habitat.
147	WLFL9 RIGHT BANK LEVEE SETBACK	White	FCD Const	$17,196,118	$16,247,849	$5,256,812	$948,269	$0	$6,205,081	$3,858,388	$2,214,247	$2,280,675	$0	$0	$14,558,391			$30,806,240	Pacific. Construct a new levee setback in the City of Pacific, extending from BNSF railroad bridge embankment to endpoint at Butte Ave. by White River Estates neighborhood.
148	WLFL9 SLIPPERY CREEK ACQ	White	FCD Acqu/Elev	$171,261	$116,261	$0	$55,000	($55,000)	$0	$0	$0	$0	$0	$0	$0			$116,261	Near Greenwater. In mid-2018 budget reallocation, funding was authorized to acquire a vacant property located outside flood hazard area on the north side of Highway 410. Subsequent site visits identified multiple unpermitted structures and a well; additional funding necessary to complete demolition and asbestos abatement at a remote and inaccessible location. Complete.
149	WLFL9 CHARLIE JONES DS CULV	White	Agreement	$600,000	$118,326	$1,000,000	$481,674	$0	$1,481,674	$50,000	$0	$0	$0	$0	$1,531,674			$1,650,000	Auburn. This project will analyze culvert replacement and road-raising options and implement the preferred option.
150	WLFL9 CHARLIE JONES US CULV	White	Agreement	$982,852	$937,611	$10,000	$45,241	$0	$55,241	$0	$0	$0	$0	$0	$55,241			$992,852	Auburn. This project will analyze culvert replacement and road-raising options and implement the preferred option.
151	WLFL9 STUCK R DR 2019 REPAIR	White	FCD Const	$820,294	$756,087	($65,322)	$64,207	$1,115	$0	$0	$0	$0	$0	$0	$0			$756,087	Auburn. Loss of facing rock along 130' of the lower half of the embankment. Some of the gravel fill under the rock has eroded as well, leaving a near-vertical face supporting the rock remaining on the upper slope. The rock that slid down is currently providing scour protection at the toe.
152	WLFL9 STUCK R DR FLOOD PROTCTN	White	FCD Const		$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000	$1,000,000			$1,000,000	Auburn. TBD
153	WLFL9 WHITE RIVER CIS	White	FCD Const	$0	$0	$150,000	$0	$0	$150,000	$300,000	$1,000,000	$0	$0	$0	$1,450,000			$1,450,000	Pacific. Identify and prioiritize near-, mid-, and long-term capital projects for Flood Control District funding along the White River.
154	**White Subtotal**			$44,181,654	$42,208,095	$6,351,490	$1,973,559	$166,309	$8,491,358	$4,398,388	$3,214,247	$2,280,675	$0	$1,000,000	$19,384,668			$61,592,763	
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156																			
157	WLFLG FLOOD REDUCTION GRANTS	Countywide	Grant	$60,776,690	$31,705,596	$13,415,191	$29,071,094	$0	$42,486,285	$13,828,441	$14,204,508	$14,580,136	$14,977,663	$15,370,146	$115,447,179			$147,152,775	Competitive grant program for flood reduction projects. Increases as a proportion of total FCD tax revenue.
158	WLFLG WRIA GRANTS	Countywide	Grant	$72,432,272	$50,155,820	$11,304,607	$22,276,452	$0	$33,581,059	$11,652,841	$11,969,742	$12,286,273	$12,621,258	$12,951,993	$95,063,166			$145,218,986	Cooperative Watershed Management Grant Program; priorities recommended by watershed groups. Increase based on assumed inflation rate.
159	WLFLM EFFECTIVENESS MONITORING	Countywide	FCD Const	$6,517,010	$5,989,441	$819,080	$527,569	$0	$1,346,649	$903,780	$588,180	$600,280	$520,730	$527,350	$4,486,969			$10,476,410	Evaluation of capital projects to determine effectiveness and identify project design improvements.
160	WLFLO SUBREGNL OPPRTNTY FUND	Countywide	Grant	$79,412,326	$64,225,056	$6,030,423	$15,187,271	$0	$21,217,694	$6,098,506	$6,170,535	$6,243,517	$6,317,243	$6,391,431	$52,438,926			$116,663,982	Allocation to all King County jurisdictions for flooding, water quality, or watershed management projects. Increases as a proportion of total FCD tax revenue.
161	WLFLX CENTRAL CHARGES	Countywide	FCD Const	$1,727,644	$1,882,458	$500,000	($154,814)	$0	$345,186	$200,000	$200,000	$200,000	$200,000	$200,000	$1,345,186			$3,227,644	Central charges related to the FCD's capital fund.
162	WLFLX COUNTYWIDE STRATEGIC ACQ	Countywide	FCD Const	$2,000,000	$6,536	$2,000,000		$0	$2,000,000	$0	$0	$0	$0	$0	$2,000,000			$2,006,536	This project acquires properties with a connection to flooding as directed by the Flood District Board of Supervisors.
163	WLFLX FWC IT UPGRADES	Countywide	FCD Const	$1,500,000	$297,315	$0	$1,202,685	$0	$1,202,685	$0	$0	$0	$0	$0	$1,202,685			$1,500,000	Replace existing IT systems that are outdated and at risk for failure.
161	WLFLX DUWAMISH KING TIDE FRCST	Countywide	FCD Const			$0	$0	$625,000	$625,000	$0	$0	$0	$0	$0	$625,000			$625,000	The FCD directs King County to develop and implement an expansion of the county Flood Warning Center to include forecasted King Tide events on the Duwamish River by October 1, 2024.
162	WLFLX PARKS CAREER PATHWAYS	Countywide	FCD Const				$0	$750,000	$750,000	$0	$0	$0	$0	$0	$750,000			$750,000	Creates or augments an existing internship programs focused on developing workforce pathways creating, career opportunities, and living wage jobs for youth related to climate change, habitat restoration and/or flood risk reduction.
163	WLFLX FARM LEASE	Countywide	FCD Const				$0	$200,000	$200,000	$0	$0	$0	$0	$0	$200,000			$200,000	Directs King County to lease 30 acres of farmland consistent with the guidelines of the King County Farmland Lease Program.
164	WLFLX FLOOD MATERIAL STOCKPILE	Countywide	FCD Const	$149,992	$149,992		$0	$0	$0	$0	$0	$0	$0	$0	$0			$149,992	Stockpile material for future flood damage repairs.
165	WLFLX FLOOD EMERGENCY CONTGNCY	Countywide	FCD Const	$1,419,042	$419,042	$0	$1,000,000	$0	$1,000,000	$0	$0	$0	$0	$0	$1,000,000			$1,419,042	Contingency for emergency response actions during a flood event.
166	**Countywide Subtotal**			$225,934,975	$154,831,255	$34,069,301	$69,110,257	$1,575,000	$104,754,558	$32,683,568	$33,132,965	$33,910,206	$34,636,894	$35,440,920	$274,559,111			$429,390,366	
167																			

No.	Title	Basin	Type of project	2023 Inception to Date Budget	2023 Inception to Date Expendiure	2024 Adopted	2023 Carryover	2024 Reallocation Request	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected	6-Year CIP Total (Including 2023 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
168	**Grand Total**			**$701,852,479**	**$488,702,001**	**$112,188,893**	**$210,957,928**	**$22,315,455**	**$345,462,276**	**$153,227,540**	**$160,206,121**	**$199,420,351**	**$90,403,596**	**$71,037,843**	**$1,019,757,728**			**$1,755,209,728**	

REVISED STAFF REPORT

Agenda Item:	7	**Name:**	Michelle Clark
Proposed Legislation:	FCD2024-08	**Date:**	July 9, 2024

Proposed Resolution: A RESOLUTION relating to the operation and finances of the King County Flood Control Zone District; adopting a revised 2024 budget, operating budget, capital budget, six-year capital improvement program for 2024-2029; and amending Resolution FCD2023-10.

Introduction

The purpose of the King County Flood Control District's (District) mid-year budget revision is to address two main objectives:

(1) Adopt (or "carryover") $210.9 million in capital expenditure authority from 2023, and
(2) Reallocate expenditure authority for several reasons, including technical adjustments, changes to project scope or schedule, and the addition of new flood damage repairs based on facility inspections and assessments.

Although King County has adopted "life-to-date" budgets since a new financial system was implemented in 2012, the District adopts annual budget increments that are then carried over from one year to the next. This carryover budget has consistently exceeded the budget authority needed in a given year for all capital expenditures.

This memo provides an overview of 2023 capital expenditures, as well as illustrative examples of the different categories of capital carryover from 2023. The proposed midyear reallocations are presented in a separate summary document attached to this staff report includes a brief explanation of each recommended reallocation.

The 2023 expenditure and carryover patterns were consistent with the financial plan forecast transmitted with the District's 2023 mid-year and 2024 budgets. The $210.9 million carryover detailed in this staff report is within 1% of the carryover amount forecasted in the informational November 2023 financial plan prepared by King County Water and Land Resources Division of the Department of Natural Resources and Parks (WLRD). This close alignment of actual expenditures and carryover to the financial plan forecast provides confidence that the financial plan accurately projects the District's cash fund balance. Financial forecasts for 2025 include a negative fund balance.

Overview of 2023 Expenditures

As illustrated in the Figure 1 below, the District's 2023 overall capital expenditures totaled $53 million. WLRD-managed expenditures for construction and acquisitions were $24.1 million and 45% of 2023 capital expenditures for the District. Figure 1 categorizes WLRD-managed

expenditures by category. This is the smallest expenditure in several years as there were few large construction projects in 2023. That will change in the coming years as WLRD prepares for major construction at the Black River Pump Station and on the White River for the Pacific Right Bank Levee Setback. The remaining 55% of capital expenditures were managed by other agencies through agreements and grants. Figure 2 provides WLRD-managed capital construction expenditures by year, highlighting the trends over previous years.

Figure 1: 2023 Capital Expenditures by Category

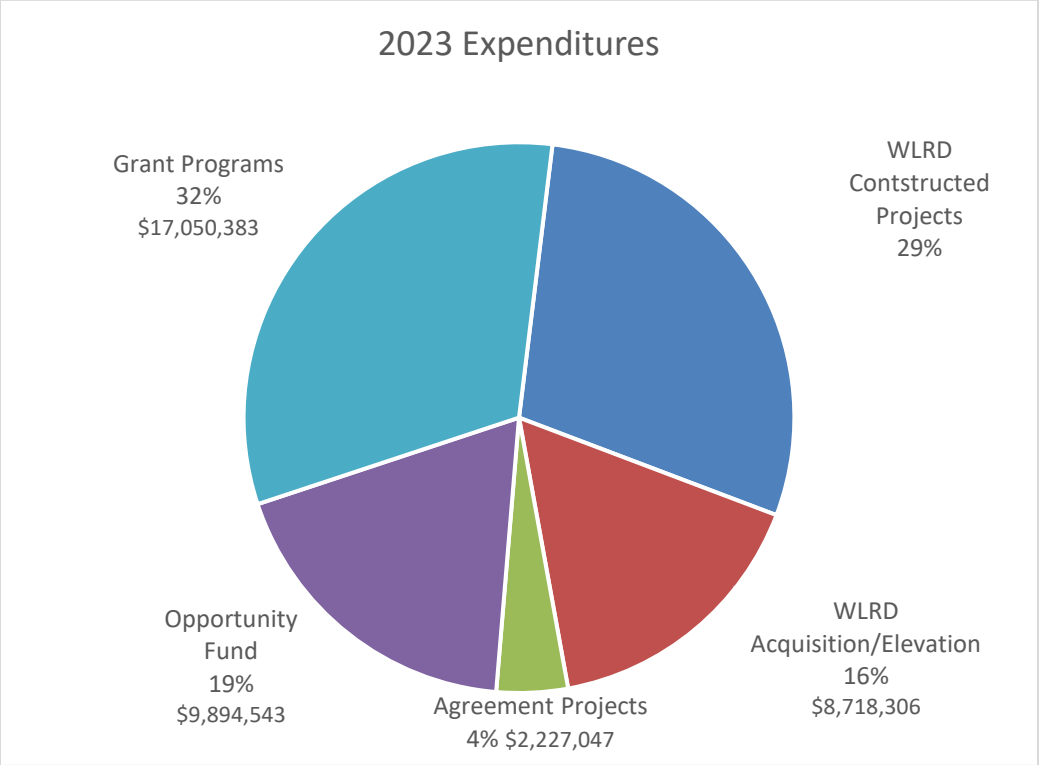
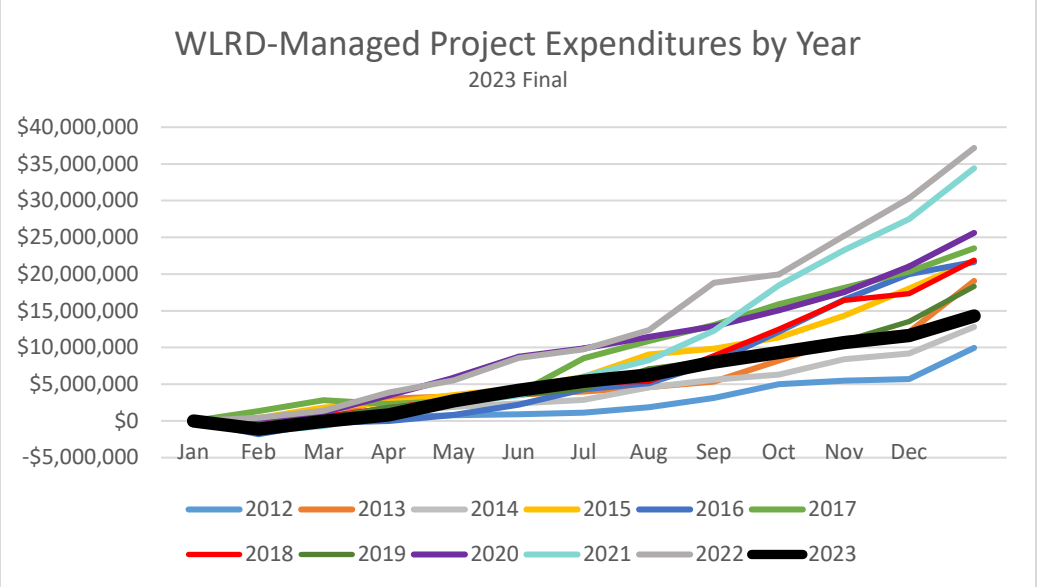


Figure 2: WLRD Capital Construction Expenditures by Year

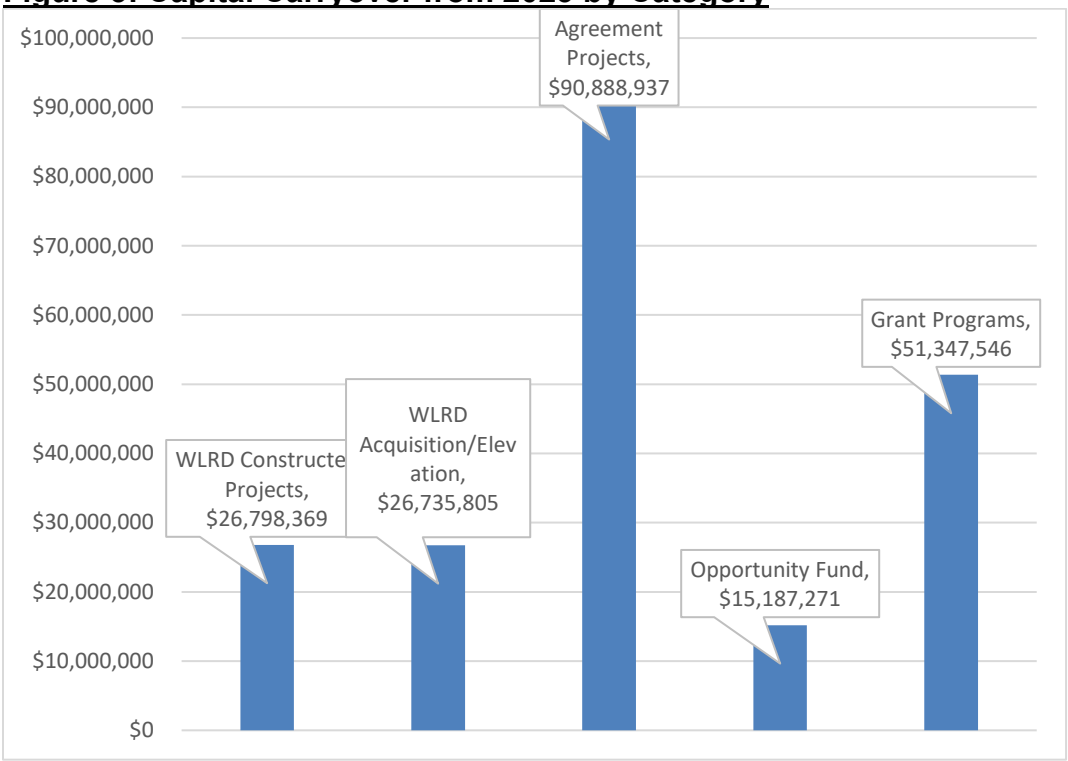


Overview of 2023 Capital Carryover

The total capital carryover request for 2023 is $210.9 million, representing a decrease of $48.6 million (19%) from the $259.6 million carryover request for 2022. The 2023 carryover is allocated across the categories shown in Figure 3.
Of the total $210.9 million in carryover:

- 75% ($157.4 million) is for grants and agreements managed by other agencies.
- 25% ($53.5 million) is managed by WLRD.

Figure 3: Capital Carryover from 2023 by Category



The highlights below reference line numbers from the adopted capital project list (Attachment H).

Examples from each category are described below.

WLRD Constructed Projects (Capital Construction and Repair)

Construction projects managed by WLRD total $26.7 million and is 13% of the capital carryover from 2023. Highlights include:

1. Tukwila 205 Gunter Floodwall (Attachment H, Line 133, $6.8 million). Acquisition related delays have slowed project schedule.

2. Black River Pump Station (Attachment H, Lines 109-114, $3.9 million combined). Carryover based largely on construction schedule delays for high use engines.

3. Lower Jones Road Neighborhood Improvements (Attachment H, Line 97, $2 million). Acquisition related delays have slowed project schedule; budget authority is carried over to 2023 to preserve capacity to acquire property from willing sellers.

4. Lower Frew Levee Setback (Attachment H, Line 41, $1.2 million). Acquisition related delays have slowed project schedule.

District Flood Mitigation (Acquisition and Elevation of At-Risk Structures)

District acquisition and elevation projects managed by WLRD total approximately $26.7 million (13% of the total carryover). Highlights include:

1. Pre-Construction Acquisitions on the Green River (Attachment H, Line 120, $8.9 million). Funding is allocated to acquire potential multi-benefit properties along the Green River as opportunities arise. Landowner negotiations in progress, some expenditures may occur in 2024 if negotiations are successful.

2. Snoqualmie/South Fork Skykomish Residential Flood Mitigation (Attachment H, Lines 1, 10, 12, 25, and 34, $8.3 million combined). Timing of expenditures is determined by landowner willingness.

Other Agency Agreements

This category totals $90.8 million, accounting for 43% of the total carryover. It includes projects managed by other agencies through agreements with the District. This represents a $34 million increase from the $124 million carried over into 2023.

In some cases, the carryover corresponds to agreement projects that do not yet have an ILA in place, or where an ILA is in place, but reimbursements have not been requested. Additionally, some projects are progressing slower than anticipated by the managing city. Budgets and cost allocations for these projects will be “right-sized” in partnership with the service providers as part of the 2025 budget process, which should reduce the carryover in future years. Highlights include:

1. City of Kent – Milwaukee #2 Levee (Attachment H, Line 129 - $17.1 million). Under the District's 2020 agreement with the City of Kent, $11 million is authorized for expenditures.

2. City of Kent – Signature Pointe Revetment (Attachment H, Line 132 - $16.8 million). Initial ILA for alternatives analysis adopted May 2018. A second ILA for predesign and real estate appraisals was adopted in February 2020.

3. City of Kent - Horseshoe Bend/Breda Levee Setback (Attachment H, Line 123 - $14.1 million). No ILA adopted to authorize expenditures.

4. City of Bellevue – Factoria Blvd Drainage (Attachment H, Line 72 - $6.8 million). ILA adopted in March 2023 authorizing expenditures.

5. City of Renton Levee Certification (Attachment H, Line 86 - $3.9 million). ILA adopted in 2019 authorizing expenditures up to $5 million.

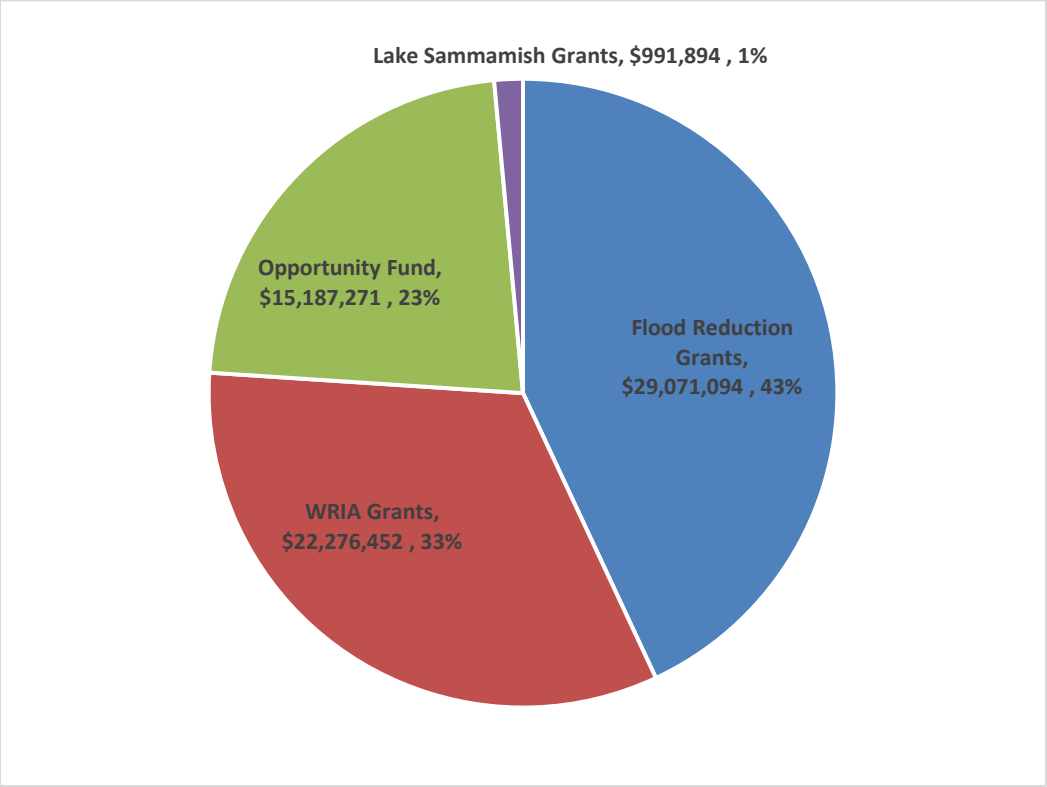
Grant Programs (Opportunity Fund, WRIA grants, Lake Sammamish Flood Mitigation, and Flood Reduction Grants)

The total carryover across these four grant programs is $66 million, representing 24% of the total carryover. The carryover results partially from newly established and expanded grant programs in 2020, which were allocated by the Board in the fall of 2021, as well as the Lake Sammamish Flood Mitigation grant program authorized in 2022.

Additionally, each year there is an expenditure lag due to the time required to appropriate funds in January, adopt recommended projects in the fall, execute agreements with grant recipients, implement work, and finally request reimbursement for eligible expenditures.

Also of note, many jurisdictions choose to “bank” their Opportunity Fund allocation until it is sufficient to fund a project. For the 2023 Opportunity Fund allocation, $1.25 million was “banked” for future use, bringing the total carryover for this program is $15.2 million.

Figure 4: Grant Program Carryover



2023 Mid-Year Reallocation

The attached reallocation summary lists each of the proposed capital budget adjustments by line in the District's capital project list (Attachment H).

Upcoming Changes to Budget Documents in 2025

District and County staff are working on some changes to the budget documents that are intended to increase transparency. These changes include:

1. New categories in the Operating Budget. The 2025 budget materials will include different names for categories or "buckets" for the District's 2025 Operating Budget. The work product will not change but these new names will hopefully increase public understanding of budget documents.

2. Changes in the Budget Book. Currently the "Budget Book" is really just a list of the projects in the District's 6-year Capital Improvement Program. This does not accurately "tell the story" of the District's entire budget. The new Budget Book will include **all** of the District's budget (operating, capital, and administration budgets), as well as the budget resolution and work program.

3. Truing up the names of Capital Projects. Working to ensure that the correct name of a project – the name authorized by the Board when adopting a budget – stays with the project throughout the lifespan of the project and the facility. This change is intended to allow the public to follow a specific project from concept, implementation, and maintenance of the newly or repaired facility.

Next Steps

The Executive Committee unanimously recommended the 2024 midyear budget to the Board at its June 5th meeting.

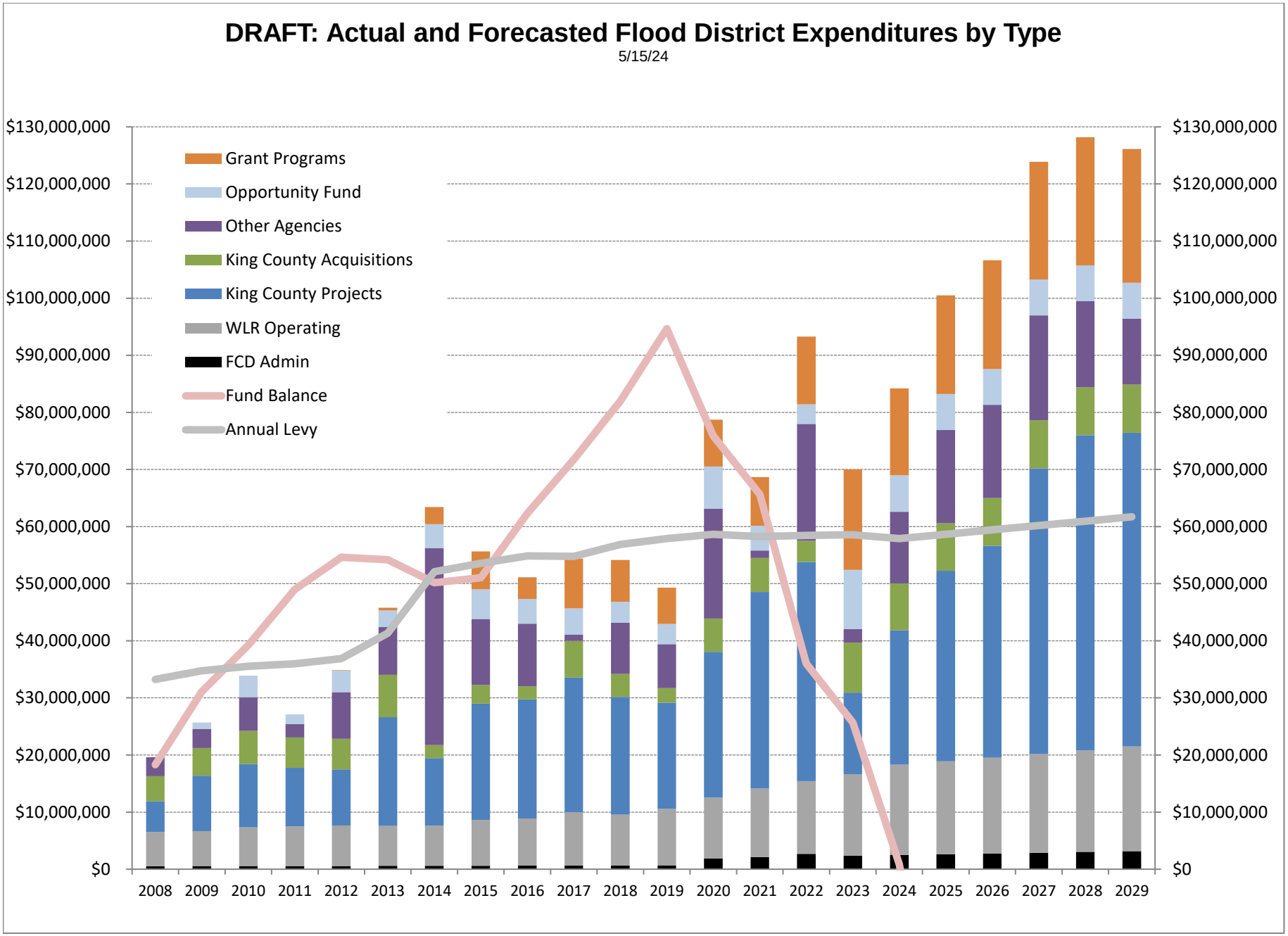
Attachments
2024 Reallocation Summary
2024 Expenditure Chart
2024 Financial Plan

King County Flood Control District

2024 Reallocation Summary

May 15, 2024

No.	Title	Basin	2024 Reallocation Request	Reallocation Notes
3	WLFL0 TIMBERLANE 2019 REPAIR	SF Skykomish	($28,974)	Project completed; remove remaining budget authority to close project.
15	WLFL1 NORTH FORK BRIDGE FEASIBILITY	Upper Snoq	($44,315)	Project completed; remove remaining budget authority to close project.
16	WLFL1 PUMP STATION REVETMENT REPAIR	Upper Snoq	$80,551	Additional budget requested as the design schedule has been accelerated by completing technical studies using a combination of consultants and in-house staff.
17	WLFL1 RECORD OFFICE 2016 REPAIR	Upper Snoq	($192,124)	Project completed; remove remaining budget authority to close project.
19	WLFL1 REINIG RD RVTMNT 2016 REPAIR	Upper Snoq	$18,939	Project in closeout phase; minor budget adjustment needed to complete project.
25	WLFL1 UPR SNO RES FLD MITIGTN	Upper Snoq	$730,940	Additional budget authority needed to potentially acquire two properties in 2024.
26	WLFL1 USACE PL 84-99 SF SNO	Upper Snoq	($414,392)	Project completed; remove remaining budget authority to close project.
57	WLFL4 RAGING SCOUR REPAIR 2017	Raging	($54,938)	Project completed; remove remaining budget authority to close project.
69	WLFL5 WILLOWMOOR FLDPLAIN REST	Sammamish	$238,106	Additional budget authority needed to complete 30% design.
88	WLFL7 CRT SITE 5B 2020 REPAIR	Cedar	$10,321	Project in closeout phase; minor budget adjustment needed to complete project.
91	WLFL7 DORRE DON AVULSION ANALYSIS	Cedar	$259	Project completed; minor budget adjustment needed to close project.
102	WLFL7 TABOR-CROWALL REVETMENT	Cedar	$799,520	Preliminary design and site investigations identified the need to expand the extent of the repair, resulting in a larger, more complex and costly project.
116	WLFL8 DESIMONE MAJOR REPAIR USACE	Green	$19,429,843	Additional budget authority needed for the US Army Corps of Engineers expedited construction schedule of the locally preferred plan approved December 2023.
139	WLFLS S PARK DRAINAGE IMPROVEMENTS	Green	$410	Project completed; minor budget adjustment needed to close project.
146	WLFL9 COUNTYLINE TO A STREET	White	$220,194	Additional budget is requested to complete a Letter of Map Revision, update FEMA flood map panels, coordinate with the affected communities, and submit appropriate documentation to FEMA before closing the project.
148	WLFL9 SLIPPERY CREEK ACQ	White	($55,000)	Project completed; remove remaining budget authority to close project.
151	WLFL9 STUCK R DR 2019 REPAIR	White	$1,115	Project completed; minor budget adjustment needed to close project.
161	WLFLX DUWAMISH KING TIDE FRCST	Countywide	$625,000	Budget move from operating budget to capital budget to optimize project budgetary oversight.
162	WLFLX PARKS CAREER PATHWAYS	Countywide	$750,000	Budget move from District oversight budget to capital budget to optimize project budgetary oversight.
163	WLFLX FARM LEASE	Countywide	$200,000	Budget move from District oversight budget to capital budget to optimize project budgetary oversight.


DRAFT: Actual and Forecasted Flood District Expenditures by Type
5/15/24
Grant Programs
Opportunity Fund
Other Agencies
King County Acquisitions
King County Projects
WLR Operating
FCD Admin
Fund Balance
Annual Levy
$130,000,000
$120,000,000
$110,000,000
$100,000,000
$90,000,000
$80,000,000
$70,000,000
$60,000,000
$50,000,000
$40,000,000
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King County Flood Control District

Flood Program Financial Plan: 2024 Revised Budget and 6-Year CIP

May 15, 2024

	2023 Actual	2024 Adopted	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected
Beginning Balance	34,267,954	26,719,546	25,669,038	874,427	(40,614,516)	(89,431,933)	(156,972,358)	(231,192,417)
Revenue								
Flood District								
Flood District Levy [1]	58,557,985	58,938,423	57,910,659	58,658,705	59,421,786	60,187,123	60,955,370	61,717,480
Interest Earnings [2]	1,592,050	299,793	1,192,554	40,625	(1,886,904)	(4,154,906)	(7,292,757)	(10,740,937)
Miscellaneous Revenue [3]	286,159	250,000	250,000	250,000	250,000	250,000	250,000	250,000
King County								
Grants [10]	917,054	0	0	0	0	0	0	0
Miscellaneous Revenue [5]	40,315	40,000	40,000	40,000	40,000	40,000	40,000	40,000
Total Revenue	61,393,563	59,528,217	59,393,213	58,989,330	57,824,882	56,322,217	53,952,613	51,266,543
Expenditure								
District Administration [6]	(2,379,060)	(3,438,637)	(2,488,637)	(2,613,069)	(2,743,722)	(2,880,908)	(3,024,954)	(3,176,202)
Operating Expenditure	(14,260,070)	(16,433,156)	(15,808,156)	(16,282,400)	(16,770,872)	(17,273,998)	(17,792,218)	(18,325,985)
Capital Expenditure	(53,353,349)	(59,044,600)	(65,891,032)	(81,582,803)	(87,127,705)	(103,707,735)	(107,355,499)	(104,614,262)
Total Expenditure	(69,992,479)	(78,916,393)	(84,187,824)	(100,478,272)	(106,642,299)	(123,862,642)	(128,172,671)	(126,116,448)
Ending Fund Balance (Cash)	**25,669,038**	**7,331,370**	**874,427**	**(40,614,516)**	**(89,431,933)**	**(156,972,358)**	**(231,192,417)**	**(306,042,321)**
Target Fund Balance	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Budgetary Carryover Reserves	*(213,086,418)*	*(266,885,029)*	*(279,571,244)*	*(351,215,982)*	*(424,294,398)*	*(520,007,014)*	*(503,055,111)*	*(469,478,692)*
Ending Budgetary Fund Balance [9]	**(187,417,380)**	**(235,121,485)**	**(278,696,818)**	**(391,830,497)**	**(513,726,331)**	**(676,979,372)**	**(734,247,527)**	**(775,521,014)**

Notes:

1 Property tax forecast provided by the Office of Economic and Financial Analysis in March, 2024, less undercollection assumption of 1%.
2 Interest earnings approximated using prior year actuals and increasing by 3% per year.
3 District miscellaneous revenue due to multiple sources such as state forest sales, private timber harvest tax, unrealized investments, leashold excise taxes, and immaterial corrections from prior years.
5 County miscellaneous revenue due to multiple sources such as state forest sales, private timber harvest tax, rent from tenants of acquired real estate, and immaterial corrections from prior years.
6 Costs based on contract established under FCD 2008-07 for District executive services, and inflated at 3% in succeeding years.
7 The capital expenditure is equal to the expenditure rate times the sum of the new capital appropriation and carryover. Rationale for the expenditure rates forecasted for A-E in the capital program is as follows:
A. Based on prior year experience and knowledge of existing staff capacity to implement construction projects implemented by WLR Division. The expenditure rate increases at the end of the six years as new appropriation decreases and carryover projects are completed.
B. Based on prior year experience for acquisitions and home elevations, where expenditure patterns are strongly influenced by factors such as landowner willingness. Rate shown here is similar to the expenditure rate for acquisition-focused funds such as King County's Conservation Futures Trust (CFT).
C. Based on increase from past expenditure rates as city projects move through the engineering design phase toward construction.
D-E. Based on prior year experience with expenditure rates for these capital grant programs, which have a 2-3 year minimum time lag between appropriation and expenditures due to funding allocation decision-making process, execution of agreements for awarded projects, and reimbursement of eligible expenditures during or following implementation by the grant recipient. While the Opportunity Fund does not require time for an allocation process, many jurisdictions choose to accrue funding over multiple years which limits the expenditure rate. Note that a constant expenditure rate results in increased expenditures as unspent allocations are carried over each year.
8 The Unreserved Fund Balance is the remaing balance less reserves described in resolution FCD2016-21.1 adopting a fund balance reserve policy. While the policy provides general guidance on types of reserves, it does
9 The budgetary fund balance assumes 100% expenditure of all budgeted amounts and is used to understand the District's total budgetary commitment.
10 Grant revenue is assumed only for grants that have been awarded or where an award is likely and imminent.
11 Total New Capital Appropriation corresponds to the "Grand Total" shown in each year on Attachment H.

July 9, 2024

S1

Sponsor: _____

[MC]

Proposed No.: FCD2024-08

STRIKING AMENDMENT TO PROPOSEDRESOLUTION FCD2024-08, VERSION 1

On page 1, beginning on line 6, strike everything through page 4, line 60, and insert:

" WHEREAS, the King County Flood Control Zone District ("the District") adopted its 2024 work program, budget, operating budget, capital budget, and six-year capital improvement program in Resolution FCD2023-10, and

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

WHEREAS, the carry-forward amount for unspent appropriations from 2023 to 2024 is $210,957,928, and

WHEREAS, pursuant to RCW 86.15.140, the District held a public hearing on the proposed carry-forward amount and a supplemental budget on June 10, 2024, and

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

WHEREAS, the Board desires to adopt amendments to the District's 2024 budget, operating budget, capital budget, and six-year capital improvement program;

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

SECTION 1. The Board adopts a revised 2024 budget for the District, as set forth in Attachment B to this resolution, titled "2024 Reallocation Budget June 10, 2024," and amends FCD2023-10, Section 1, accordingly.

SECTION 2. The Board adopts a revised 2024 operating budget for the District, as set forth in Attachment C to this resolution, titled "2024 Reallocated Operating Budget June 10, 2024," and amends FCD2023-10, Section 1, accordingly.

SECTION 3. The Board adopts a revised 2024 capital budget for the District, consisting of the projects and expenditures Attachment D to this resolution, titled "2024 Reallocated Capital Budget June 10, 2024," and amends FCD2023-10, Section 1, accordingly.

SECTION 4. The Board adopts a revised six-year capital improvement program for the District, as set forth in Attachment E to this resolution, titled "2024-2029 Reallocated Six-Year CIP June 10, 2024," and amends FCD2023-10, Section 1, accordingly.

SECTION 5. The Board adopts a revised District Oversight Budget, as set forth in Attachment F to this resolution, titled "2024 Reallocated District Oversight Budget June 10, 2024," and amends FCD2023-10, Section 1, accordingly.

SECTION 6. The Board adopts a revised 2024-2029 capital budget project list, as set forth in Attachment H to this resolution, titled "2024-2029 Six-Year CIP Project Allocations + Carryover June 10, 2024," and amends FCD2023-10, Section 1, accordingly.

42 SECTION 7. A. The Board authorizes the extension, enlargement,
43 acquisition, or construction of improvements, as applicable, as set forth on Attachments
44 B, C, D, E, F, and H to this resolution.
45 B. The 2006 King County Flood Hazard Management Plan ("Flood Plan"),
46 as amended, serves as the comprehensive plan of development for flood control and
47 floodplain management, and has been prepared for the streams or watercourses upon
48 which the improvements will be enlarged, extended, acquired or constructed. The
49 improvements authorized herein generally contribute to the objectives of the Flood Plan.
50 C. For improvements that are to be constructed, preliminary engineering
51 studies and plans have been made, consisting of one or more of the following: the 2006
52 Flood Plan, as amended, preliminary feasibility analyses, conceptual designs and design
53 manuals, and such plans and studies are on file with the county engineer.
54 D. Estimated costs for acquisitions and improvements together with
55 supporting data are set forth on Attachments B, C, D, E, F, and H to this resolution.

E. The improvements set forth in Attachments B, C, D, E, F, and H to this resolution are determined to benefit the county as a whole, as well as the zone."

EFFECT prepared by Michelle Clark: Corrects technical errors by removing outyear requests for Lower Russell Acq Kent and Russell Rd Upper Kent, Attachment H Lines 126 and 131 respectively, and reallocation request for Desimone Major Repair USACE of $28,828,925, Attachment H Line 116, and replacing Attachments B, C, D, E, F, and H dated May 15, 2024 to Attachments B, C, D, E, F, and H dated June 10, 2024.

King County Flood Control District

2024 Reallocation Budget

Attachment B

June 10, 2024

Program	2024 Approved	2023 Carryover	2024 Reallocation	2024 Revised
Flood District Administration	$3,438,637	$0	($950,000)	$2,488,637
Maintenance and Operation	$16,433,156	$0	($625,000)	$15,808,156
Construction and Improvements	$112,188,893	$210,957,928	$31,714,537	$354,861,358
Bond Retirement and Interest	$0	$0	$0	$0
Total	$132,060,686	$210,957,928	$30,139,537	$373,158,151
Projected Capital Reserves - Cash Fund Balance [1]	$25,669,038			($65,482)
Projected Capital Reserves - Budgetary Fund Balance [2]	($187,417,380)			($288,095,900)

[1] The cash fund balance assumes an expenditure rate of 21% of the capital budget in 2023, informed by prior year actuals.

[2] The budgetary fund balance assumes 100% expenditure of all budgeted amounts and is used to understand budgetary commitment.

King County Flood Control District

2024 Reallocated Operating Budget

Attachment C

June 10, 2024

	2024 Approved	2023 Carryover	2024 Reallocation	2024 Revised	Comments
Annual Maintenance	$2,698,298			$2,698,298	
Flood Hazards Plan, Grants, Outreach	$1,000,429			$1,000,429	
Flood Hazard Studies, Maps, Technical Services	$2,306,712			$2,306,712	
Flood Preparation, Flood Warning Center	$1,916,336		($625,000)	$1,291,336	Move Duwmaish king tide forecast funding to capital budget to optimize budgetary oversight.
Program Management, Supervision, Finance, Budget	$2,106,077			$2,106,077	
Program Implementation	$2,515,876			$2,515,876	
Overhead / Central Costs*	$3,889,428			$3,889,428	
Total	**$16,433,156**	**$0**	**($625,000)**	**$15,808,156**	

* A portion of these overhead costs are reimbursed by the capital fund for staff time loaned out to capital projects.

King County Flood Control District

2024 Reallocated Capital Budget

Attachment D

June 10, 2024

Basin	Acquisition	Design	Construction	Contingency	Total
Snoqualmie River Basin	$25,616,670	$10,038,810	$21,011,221	$0	$56,666,700
Cedar River Basin	$13,273,920	$11,039,859	$27,919,974	$0	$52,233,753
Green River Basin	$25,160,098	$45,042,348	$62,512,542	$0	$132,714,989
White River Basin	$1,731,674	$6,410,322	$349,362	$0	$8,491,358
Effectiveness Monitoring	$0	$1,346,649	$0	$0	$1,346,649
Countywide Miscellaneous	$0	$0	$4,777,685	$1,345,186	$6,122,871
Opportunity Fund	$0	$0	$21,217,694	$0	$21,217,694
Grant Funds	$0	$0	$76,067,344	$0	$76,067,344
Total	**$65,782,362**	**$73,877,988**	**$213,855,822**	**$1,345,186**	**$354,861,358**

King County Flood Control District

2024 - 2029 Reallocated Six-Year CIP

Attachment E

June 10, 2024

Name	2024 Approved	2023 Carryover	2024 Reallocation	2024 Revised	2025	2026	2027	2028	2029	2024 - 2029 Total
Snoqualmie River Basin	$29,415,607	$27,155,406	$95,687	$56,666,700	$15,273,733	$27,687,983	$16,215,363	$12,234,283	$4,255,000	$132,333,062
Cedar River Basin	$17,266,606	$33,918,941	$1,048,206	$52,233,753	$16,940,339	$5,039,184	$4,100,000	$3,600,000	$14,100,000	$96,013,276
Green River Basin	$25,085,889	$78,799,765	$28,829,335	$132,714,989	$60,731,512	$81,536,487	$142,914,107	$39,932,419	$16,241,923	$474,071,438
White River Basin	$6,351,490	$1,973,559	$166,309	$8,491,358	$4,398,388	$3,214,247	$2,280,675	$0	$1,000,000	$19,384,668
Effectiveness Monitoring	$819,080	$527,569	$0	$1,346,649	$903,780	$588,180	$600,280	$520,730	$527,350	$4,486,969
Countywide Miscellaneous	$2,500,000	$2,047,871	$1,575,000	$6,122,871	$200,000	$200,000	$200,000	$200,000	$200,000	$7,122,871
Subregional Opportunity Fun	$6,030,423	$15,187,271	$0	$21,217,694	$6,098,506	$6,170,535	$6,243,517	$6,317,243	$6,391,431	$52,438,926
Flood Reduction Grants	$24,719,798	$51,347,546	$0	$76,067,344	$25,481,282	$26,174,250	$26,866,409	$27,598,921	$28,322,139	$210,510,345
Total	$112,188,893	$210,957,928	$31,714,537	$354,861,358	$130,027,540	$150,610,866	$199,420,351	$90,403,596	$71,037,843	$996,361,555

King County Flood Control District

2024 Reallocated District Oversight Budget

Attachment F

June 10, 2024

	2024 Approved	2023 Carryover	2024 Reallocation	2024 Revised	Comments
Management & Support	$1,341,621			$1,341,621	
Rent and Equipment	$42,086			$42,086	
Legal Services	$250,000			$250,000	
Accounting	$130,000			$130,000	
State Auditor	$70,000			$70,000	
Other Professional Services	$1,501,131		($950,000)	$551,131	Move Climate Corps ($750K) and farmland lease ($200K) funding to capital budget to optimize project budgetary oversight.
Expenses	$19,572			$19,572	
Insurance	$84,227			$84,227	
Total	**$3,438,637**	**$0**	**($950,000)**	**$2,488,637**	

2024 - 2029 Six-Year CIP Project Allocations + Carryover
Attachment H
June 10, 2024

Capital Investment Strategy Project
Grant/External Revenue Awarded
Cost Share Contribution to Others
New Project - 2022 Revised

No.	Title	Basin	Type of project	2023 Inception to Date Budget	2023 Inception to Date Expendiure	2024 Adopted	2023 Carryover	2024 Reallocation Request	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected	6-Year CIP Total (Including 2023 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
1	WLFL0 SF SKYKMSH REP LOSS MIT	SF Skykomish	FCD Acqu/Elev	$6,179,041	$5,631,609	$3,000,000	$547,432	$0	$3,547,432	$1,500,000	$0	$0	$0	$0	$5,047,432			$10,679,041	Near Baring in unincorporated King County. This project will elevate or buyout individual structures in the South Fork Skykomish Basin to eliminate the risk of flooding or erosion damage during future flood events. Assumes one home per year.
2	WLFL0 TIMBER LN EROSN BUYOUTS	SF Skykomish	FCD Acqu/Elev	$2,812,095	$1,972,649	$2,000,000	$839,446	$0	$2,839,446	$1,000,000	$0	$0	$0	$0	$3,839,446			$5,812,095	Near Skykomish in unincorporated King County. This project will continue to acquire and remove homes along a stretch of the Skykomish River that are endangered by erosive forces as well as inundation in some places.Assumes one home per year.
3	WLFL0 TIMBERLANE 2019 REPAIR	SF Skykomish	FCD Const	$567,117	$538,143	$0	$28,974	($28,974)	$0	$0	$0	$0	$0	$0	$0			$538,143	Near Skykomish in unincorporated King County. Revetment is approximately 300 LF along left bank of South Fork Skykomish River. Unstable section of vertical stacked rock is approximately 150 LF. Failure has occurred previously in this section of revetment.
4	WLFL1 BENDIGO UPR SETBACK NORTH BEND	Upper Snoq	Agreement	$50,000	$2,739	$0	$47,261	$0	$47,261	$0	$0	$0	$0	$4,200,000	$4,247,261			$4,250,000	North Bend. Cost-share of $8.4M levee setback project. The levee overtops at a 20-year or greater flood, inundating undeveloped property, railway lines and roadways. Project would reconnect 25 acres of floodplain and construct a new levee that meets current engineering guidelines. City has submitted grant application for the remaining $4.2 million.
5	WLFL1 CIRCLE RVR RANCH RISK RED	Upper Snoq	FCD Const	$1,547,800	$1,432,463	$576,600	$115,337	$0	$691,937	$9,720	$0	$0	$0	$0	$701,657			$2,134,120	Near Near North Bend in unincorporated King County in unincorporated King County. This project will determine a preferred action to reduce long term risks from channel migration in the Circle River Ranch Neighborhood on the South Fork Snoqualmie River. Being conducted concurrent with South Fork Snoqualmie Corridor Plan.
6	WLFL1 CITY SNOQ ACQUISITIONS	Upper Snoq	Agreement	$3,000,000	$0	$0	$3,000,000	$0	$3,000,000	$0	$0	$0	$0	$0	$3,000,000			$3,000,000	City of Snoqualmie. Acquire several flood-prone homes in the areas around Walnut St and Northern St.
7	WLFL1 CITY SNOQ HOME ELEVATIONS	Upper Snoq	Agreement	$1,468,000	$0	($968,000)	$1,468,000	$0	$500,000	$500,000	$468,000	$0	$0	$0	$1,468,000			$1,468,000	City of Snoqualmie. Elevate several flood-prone homes in the areas around Walnut St and Northern St.
8	WLFL1 MASON THORSON ELLS 2022 REPAIR	Upper Snoq	FCD Const	$205,000	$159,119	$0	$45,881	$0	$45,881	$0	$0	$0	$0	$0	$45,881			$205,000	Near Near North Bend in unincorporated King County in unincorporated King County. New project. Provide 20% local match to repair erosion to the downstream end of the Mason Thorson Ells levee under the US Army Corps of Engineers (USACE) PL 84-99 Levee Rehabilitation and Inspection Program (RIP). The downstream 60-feet of the levee was damaged during the February 2020 flood event and the proposed project will repair the damage and reduce future erosion risk to the facility.
9	WLFL1 MF FLOOD CONVEYANCE N BEND	Upper Snoq	Agreement	$1,800,000	$0	$0	$1,800,000	$0	$1,800,000	$0	$0	$0	$0	$0	$1,800,000			$1,800,000	North Bend. Overflow channels originating from the Middle Fork Snoqualmie River flow through neighborhoods and cross roads creating risk to homes and infrastructure. Potential solutions include channel modifications, enhancements, and culvert improvements.
10	WLFL1 MF RESIDENTIAL FLD MTGTN	Upper Snoq	FCD Acqu/Elev	$1,732,261	$20,030	$500,000	$1,712,231	$0	$2,212,231	$0	$0	$0	$0	$0	$2,212,231			$2,232,261	Near Near North Bend in unincorporated King County in unincorporated King County. Work with willing sellers to acquire eighteen homes at risk from channel migration along the Middle Fork (Project C in the Capital Investment Strategy)
11	WLFL1 NF CONFLUENCE REVETMENT REMOVAL	Upper Snoq	FCD Const	$128,356	$18,848	$682,704	$109,508	$0	$792,212	$13,800	$0	$0	$0	$0	$806,012			$824,860	Near Near North Bend in unincorporated King County in unincorporated King County. This project will acquire flood-prone properties in the North Fork Snoqualmie basin to reduce the risk of flood, erosion, and channel migration damage and secure footprints for future capital projects.
12	WLFL1 NF SNOQUALMIE RES FLD MIT	Upper Snoq	FCD Acqu/Elev	$2,000,053	$53	$500,000	$2,000,000	$0	$2,500,000	$0	$0	$0	$0	$0	$2,500,000			$2,500,053	Near Near North Bend in unincorporated King County in unincorporated King County. This project will acquire flood-prone properties in the North Fork Snoqualmie basin to reduce the risk of flood, erosion, and channel migration damage and secure footprints for future capital projects.
13	WLFL1 NORMAN CREEK DS CULV	Upper Snoq	Agreement	$724,000	$722,080	$0	$1,920	$0	$1,920	$0	$0	$0	$0	$0	$1,920			$724,000	Near North Bend in unincorporated King County. Complete. Replace two existing rusted out 48" corrugated metal pipes on Norman Creek under 428th Ave SE with a new precast concrete box culvert. The new culvert will reduce the time it takes to drain the flood waters off of private property by increasing the capacity of the crossing. Currently when the North Fork Snoqualmie River overflows water backs up against 428th and impedes use of the roadway as the Norman Creek crossing is the normal outflow for this flood water once the North Fork has overtopped the adjacent levees.
14	WLFL1 NORMAN CREEK US 2024 CULV	Upper Snoq	Agreement	$350,000	$11,271	$750,000	$338,729	$0	$1,088,729	$0	$0	$0	$0	$0	$1,088,729			$1,100,000	Near North Bend in unincorporated King County. Improve SE 92nd Street, east of 428th Street, and alleviate roadway flooding by installing a new box culvert.
15	WLFL1 NORTH FORK BRIDGE FEASIBILITY	Upper Snoq	Agreement	$464,583	$420,269	$0	$44,315	($44,315)	$0	$0	$0	$0	$0	$0	$0			$420,269	Near North Bend in unincorporated King County. Initiate feasibility study to mitigate the risk of scour damage to the North Fork Bridge by retrofitting the existing structure with deep foundations or alternative risk mitigation strategies.Alternatives analysis report scheduled for submittal in Q3; total project cost may be revised based on the selected alternative.
16	WLFL1 PUMP STATION REVETMENT IMPROVEMENTS	Upper Snoq	FCD Const	$103,030	$22,618	$181,529	$0	$80,551	$262,080	$205,078	$1,099,965	$0	$0	$0	$1,567,123			$1,589,741	Snoqualmie. The Pump Station Revetment reduces erosion risk to a City of Snoqualmie sewage pump station. Erosion to the embankment at the upstream end of the Pump Station Revetement threatens the upstream end of the facility. The project would consider and implement improvements to the facility to reduce future erosion risk.
17	WLFL1 RECORD OFFICE 2016 REPAIR	Upper Snoq	Agreement	$3,883,278	$3,691,154	$0	$192,124	($192,124)	$0	$0	$0	$0	$0	$0	$0			$3,691,154	Snoqualmie. Repair downstream 200 lineal feet of facility which is missing face rock and toe rock. A significant scour hole has formed around a City of Snoqualmie stormwater outfall pipe at the downstream end of facility. Potential erosion impact to Park Ave SE in City of Snoqualmie, an area included in the City's planned "Riverwalk" park and trail project. Project implemented by City of Snoqualmie as part of Riverwalk project, completed in 2021.
18	WLFL1 REIF RD LEVEE IMPROVEMENTS	Upper Snoq	FCD Const	$67,000	$354	$0	$66,646	$0	$66,646	$600,000	$600,000	$160,000	$0	$0	$1,426,646			$1,427,000	Near Near North Bend in unincorporated King County in unincorporated King County. Conduct a feasibility study to determine ways of preventing the overtopping of the Reif Rd Levee. Potential solutions include: repair and/or raise levee in place / setback levee / gravel removal / home elevations.
19	WLFL1 REINIG RD RVTMNT 2016 REPAIR	Upper Snoq	FCD Const	$6,891,008	$6,906,947	$0	($15,939)	$18,939	$3,000	$0	$0	$0	$0	$0	$3,000			$6,909,947	Near Near North Bend in unincorporated King County in unincorporated King County. Repair three primary damage sites just upstream and directly across from the South Fork Snoqualmie confluence totaling ~285 lineal feet. Completed in 2021.
20	WLFL1 RIBARY CREEK N BEND	Upper Snoq	Agreement	$952,660	$266,819	$1,157,949	$685,841	$0	$1,843,790	$5,011,044	$0	$0	$0	$0	$6,854,834			$7,121,653	North Bend. Address flooding from Ribary Creek at Bendigo Blvd in North Bend as the Snoqualmie levees prevent drainage to the river during high flows.
21	WLFL1 SF CIS LONG TERM	Upper Snoq	FCD Const				$0	$0	$0	$0	$0	$0	$0	$0	$0		$57,100,000	$57,100,000	Near North Bend in unincorporated King County. Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
22	WLFL1 SF CIS MED TERM	Upper Snoq	FCD Const				$0	$0	$0	$0	$0	$0	$0	$0	$0	$47,200,000		$47,200,000	Near North Bend in unincorporated King County. Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
23	WLFL1 SHAKE MILL LB 2016 REPAIR	Upper Snoq	FCD Const	$3,139,161	$2,939,679	$0	$199,482	$0	$199,482	$0	$0	$0	$0	$0	$199,482			$3,139,161	Near Near North Bend in unincorporated King County in unincorporated King County. Complete. Total breach of levee - erosion and lateral channel migration is ongoing. No immediately adjacent private property or infrastructure. Continued erosion could threaten 428th Ave embankment or bridge.
24	WLFL1 TATE CR SCOUR FEASIBILITY	Upper Snoq	Agreement	$150,000	$775	$350,000	$149,225	$0	$499,225	$0	$0	$0	$0	$0	$499,225			$500,000	Near North Bend in unincorporated King County. Prepare a Concept Development Report (CDR) to analyze and select best span/alignment replacement bridge and road-raising option as the current bridge does not provide enough hydraulic opening due to the transport of sediments and water overtops the approaches during floods.
25	WLFL1 UPR SNO RES FLD MITIGTN	Upper Snoq	FCD Acqu/Elev	$15,553,740	$13,784,680	$2,000,000	$1,769,060	$730,940	$4,500,000	$0	$0	$0	$0	$0	$4,500,000			$18,284,680	In and around Snoqualmie. This project will continue to acquire or elevate flood-prone structures in the Upper Snoqualmie basin to reduce the risk of flood, erosion, and channel migration damage. Partnership with City of Snoqualmie to elevate homes and cost-share acquisition of homes where City is planning to construct the Riverwalk project.
26	WLFL1 USACE PL 84-99 UPPER SNO	Upper Snoq	FCD Const	$663,594	$249,202	$0	$414,392	($414,392)	$0	$0	$0	$0	$0	$0	$0			$249,202	Near Near North Bend in unincorporated King County in unincorporated King County. Ensure eleven South Fork Snoqualmie River levees meet the standards of the US Army Corps of Engineers PL 84-99 program in order to receive future assistance from the Corps in the event of flood damage to the levees.
27	WLFL2 264TH AVE NE AT SR 202 FLD IMPRVMNT	Lower Snoq	Agreement			$0	$0	$0	$0	$540,000	$0	$0	$0	$0	$540,000			$540,000	Near Redmond. Alleviate flooding on this sole access road by replacing the existing culverts and raising the roadway to elminate over-topping during flood events.
28	WLFL2 334TH AVE SE & SE 43RD PL FLD IMPRVMNT	Lower Snoq	Agreement			$0	$0	$0	$0	$500,000	$0	$0	$0	$0	$500,000			$500,000	Near Fall City in unincorporated King County. Improve drainage to alleviate neighborhood flooding by constructing a drainage system to flow to the Snoqualmie River.
29	WLFL2 DUTCHMAN RD REPAIR	Lower Snoq	FCD Const	$1,536,907	$1,267,653	$1,112,642	$269,254	$0	$1,381,896	$1,581,189	$6,873,365	$28,363	$0	$0	$9,864,813			$11,132,466	Near Near Duvall in unincorporated King County in unicorporated King County. Repair approximately 200 feet of revetment. Dutchman Road in this location provides the sole access to residences and business on the west side of the Snoqualmie Valley downstream of Near Duvall in unincorporated King County. Continued erosion of the revetment could result in erosion of the road (West Snoqualmie Valley Road NE) which would severely limit access to the downstream property owners during or following a flood event.
30	WLFL2 FALL CITY FLOODPLAIN RESTORATION	Lower Snoq	Agreement	$300,000	$66	$0	$299,934	$0	$299,934	$0	$0	$0	$0	$0	$299,934			$300,000	Near Fall City in unincorporated King County. Project will reconnect floodplain, removing the aging Hafner and Barfuse facilities and replacing with modern flood and erosion protection features. FCD cost-share funding is intended for design of flood risk reduction features.
31	WLFL2 FARM FLOOD TSK FORCE IMP	Lower Snoq	FCD Acqu/Elev	$979,803	$853,997	$0	$125,806	$0	$125,806	$0	$0	$0	$0	$0	$125,806			$979,803	Near Carnation in unincorporated King County. This project provides technical and cost-sharing assistance to agricultural landowners in the Lower Snoqualmie floodplain to help them better withstand the impacts of flooding. Specific project actions include farm pads and elevation or flood proofing of agricultural structures.
32	WLFL2 FISH HATCHERY RD BR #61B REPAIR	Lower Snoq	Agreement	$700,000	$204,503	$0	$495,497	$0	$495,497	$0	$0	$0	$0	$0	$495,497			$700,000	Near Duvall in unincorporated King County. Strengthen the bridge structure to stabilize it after the most recent flood event, rebuild the east approach roadway to address the current issue and to protect it against major flood events in the future, and restore the eroded creek bed and riverbank profile to buffer the bridge against scour.
33	WLFL2 L SNO 2019 BANK REPAIR	Lower Snoq	Agreement	$2,200,000	$1,078,929	$0	$1,121,071	$0	$1,121,071	$0	$0	$0	$0	$0	$1,121,071			$2,200,000	Near Fall City in unincorporated King County. The river is scouring the road away and David Powell Road is collapsing into the river. This project repaired an existing failing revetment and extend MSE wall to prevent undercutting of the riverbank and roadway. Completed in September 2020.
34	WLFL2 LWR SNO RESDL FLD MITGTN	Lower Snoq	FCD Acqu/Elev	$5,592,577	$3,294,973	$3,224,247	$2,297,604	$0	$5,521,851	$0	$0	$0	$0	$0	$5,521,851			$8,816,824	Near Carnation in unincorporated King County: This project will acquire or elevate flood-prone structures in the lower Snoqualmie basin to reduce the risk of flood or channel migration damage during future flood events.
35	WLFL2 MUD CREEK SEDIMENT FACILITY	Lower Snoq	FCD Const	$432,000	$30,101	$0	$401,899	$0	$401,899	$0	$0	$0	$0	$0	$401,899			$432,000	Snoqualmie. Design and permit a sediment facility to minimize sediment deposition, flooding, and channel avulsions at this site.
36	WLFL2 SNOQUALMIE VALLEY FEAS	Lower Snoq	Agreement	$500,000	$315,649	$500,000	$184,351	$0	$684,351	$0	$0	$0	$0	$0	$684,351			$1,000,000	Near Duvall in unincorporated King County. Regional flooding in the Snoqualmie Valley cuts off access to eastern cities. Determine which major roadway(s) that cross the Snoqualmie Valley would be the most cost effective to improve in the valley with chronic flood issues impacting over 25,000 daily drivers.

No.	Title	Basin	Type of project	2023 Inception to Date Budget	2023 Inception to Date Expendiure	2024 Adopted	2023 Carryover	2024 Reallocation Request	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected	6-Year CIP Total (Including 2023 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
37	WLFL2 STOSSEL RB 2018 REPAIR	Lower Snoq	FCD Const	$1,057,886	$1,041,342	$0	$16,544	$0	$16,544	$0	$0	$0	$0	$0	$16,544			$1,057,886	Near Carnation in unincorporated King County. This completed project repaired approximately 250 feet of damage identified in late March 2018 to a section of the Stossel Bridge Right Bank Revetment on the Snoqualmie River, downstream of the City of Near Carnation in unincorporated King County.
38	WLFL2 STOSSEL LONG TERM REPAIR	Lower Snoq	FCD Const	$657,078	$723,877	$2,435,174	($66,799)	$0	$2,368,375	$31,827	$0	$0	$0	$0	$2,400,202			$3,124,079	Near Carnation in unincorporated King County. Placeholder costs for long-term facility improvement project to prevent erosion undermining 310th Ave NE.
39	WLFL3 HOLBERG 2019 REPAIR	Tolt	FCD Const	$250,000	$0	$0	$250,000	$0	$250,000	$70,000	$65,000	$377,000	$0	$0	$762,000			$762,000	Near Carnation in unincorporated King County. Facility failure has consequences for property owners immediately landward of facility. Potential for high flows and erosive damage to residences and property.
40	WLFL3 HOLBERG FEASIBILITY	Tolt	FCD Const	$394,845	$362,718	$0	$32,127	$0	$32,127	$0	$0	$0	$0	$0	$32,127			$394,845	Near Carnation in unincorporated King County. Feasibility study to determine the nature and extent of levee improvements necessary to remove four homes in unincorporated King County from the regulatory Channel Migration Zone as mapped in the Tolt River Channel Migration study
41	WLFL3 LOWER FREW LEVEE SETBACK	Tolt	FCD Const	$2,251,096	$1,026,489	$2,153,567	$1,224,607	$0	$3,378,174	$750,000	$14,644,681	$50,000	$0	$0	$18,822,855			$19,849,344	Near Carnation in unincorporated King County. Capital Investment Strategy. Design, based on level of service analysis, the highest priority levee setback for flood risk reduction. Phase 2 construction estimated in CIS at $14.5M-$16.7M
42	WLFL3 LOWER TOLT RIVER ACQUISITION	Tolt	FCD Acqu/Elev	$1,546,475	$562,696	$2,500,000	$983,779	$0	$3,483,779	$0	$0	$0	$0	$0	$3,483,779			$4,046,475	Near Carnation in unincorporated King County. Acquire high-priority flood risk reduction properties in the lower two miles of the Tolt River consistent with the adopted Capital Investment Strategy.
43	WLFL3 RIO VISTA PROPERTY ACQ	Tolt	FCD Acqu/Elev	$3,606,331	$2,634,441	$2,000,000	$971,890	$0	$2,971,890	$1,000,000	$0	$0	$0	$0	$3,971,890			$6,606,331	Near Carnation in unincorporated King County. Capital Investment Strategy: Acquire at-risk homes from willing sellers.
44	WLFL3 SAN SOUCI NBRHOOD BUYOUT	Tolt	FCD Acqu/Elev	$5,656,463	$5,046,463	$1,000,000	$610,000	$0	$1,610,000	$0	$0	$0	$0	$0	$1,610,000			$6,656,463	Near Carnation in unincorporated King County. Capital Investment Strategy: acquire at-risk homes from willings sellers.
45	WLFL3 TOLT R RD ELEV SAN SOUCI	Tolt	FCD Const	$125,000	$66,545	$0	$58,455	$0	$58,455	$0	$0	$0	$0	$0	$58,455			$125,000	Near Carnation in unincorporated King County. Capital Investment Strategy: Construct Tolt Road NE road elevation or other flood risk reduction mitigation.
46	WLFL3 SEDIMENT MGMT FEAS	Tolt	FCD Const	$263,706	$219,978	$0	$43,728	$0	$43,728	$0	$0	$0	$0	$0	$43,728			$263,706	Near Carnation in unincorporated King County. Capital Investment Strategy: Conduct sediment management feasibility study. Update and include upper watershed sediment production estimates.
47	WLFL3 SR 203 BR IMPRVMNTS FEAS	Tolt	FCD Const	$395,900	$216,990	$0	$178,910	$0	$178,910	$0	$0	$0	$0	$0	$178,910			$395,900	Near Carnation in unincorporated King County. Capital Investment Strategy: Initiate study (with potential future design and construct) to add bridge span(s), raise the highway and relocate King County Parks parking area.
48	WLFL3 TOLT CIS LONG TERM	Tolt	FCD Const				$0	$0	$0	$0	$0	$0	$0	$0	$0		$28,800,000	$28,800,000	Near Carnation in unincorporated King County Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
49	WLFL3 TOLT CIS MED TERM	Tolt	FCD Const				$0	$0	$0	$0	$0	$0	$0	$0	$0	$56,250,000		$56,250,000	Near Carnation in unincorporated King County Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
50	WLFL3 TOLT R LEVEE L.O.S. ANALYSIS	Tolt	FCD Const	$1,132,951	$990,037	$0	$142,914	$0	$142,914	$0	$0	$0	$0	$0	$142,914			$1,132,951	Near Carnation in unincorporated King County. Capital Investment Strategy: Conduct a detailed hydraulic analysis to optimize the elevation of new levees to maximize flood risk reduction benefits
51	WLFL3 TOLT R NATURAL AREA ACQ	Tolt	FCD Acqu/Elev	$5,207,655	$3,776,188	$2,000,000	$1,431,467	$0	$3,431,467	$0	$0	$0	$0	$0	$3,431,467			$7,207,655	Near Carnation in unincorporated King County. Capital investment strategy: acquire at-risk homes from willing sellers.
52	WLFL3 GIRL SCOUT LEVEE SETBACK	Tolt	FCD Const	$50,000	$18,784	$200,000		$0	$200,000	$500,000	$1,050,000	$650,000	$9,876,954	$25,000	$12,301,954			$12,320,738	Near Carnation in unincorporated King County This project will set back the Girl Scout Camp Levee to reduce flood risks to the Girl Scout Camp and Remlinger Farms, improve levee integrity, increase the lateral migration area and area for ongoing sediment deposition, reduce long-term levee maintenance costs, and improve instream, floodplain and riparian habitat functions. This project is tied to and contingent on the FCD's decisions on the Tolt Level of Service study.
53	WLFL3 REMLINGER LEVEE IMPROVEMENTS	Tolt	FCD Const	$87,459	$0	$149,195		$0	$149,195	$169,774	$1,136,972	$0	$0	$0	$1,455,941			$1,455,941	Near Carnation in unincorporated King County Repair approximately 250 feet of the Remlinger Levee. Scope of project may be modified once Tolt River Level of Service project is completed; schedule is contingent on FCD direction on the Tolt level of service project.
54	WLFL3 TOLT R RD NE IMPROVEMENTS	Tolt	FCD Const			$0	$0	$0	$0	$91,301	$250,000	$150,000	$2,342,329	$30,000	$2,863,630			$2,863,630	Near Carnation in unincorporated King County Capital Investment Strategy: Initiate design for elevation of one road location to reduce or eliminate isolation. Implement additional road elevations as funds become available.
55	WLFL3 UPPER FREW LEVEE SETBACK	Tolt	FCD Const	$50,175	$12,540	$160,000	$37,635	$0	$197,635	$1,200,000	$1,500,000	$14,800,000	$15,000	$0	$17,712,635			$17,725,175	Near Carnation in unincorporated King County. Capital Investment Strategy: Initiate the levee setback design. Levee setback to increase sediment storage and floodwater conveyance; protect adjacent development; reduce damage to trail bridge.
56	WLFL4 ALPINE MANOR NEIGHBORHOOD BUYOUTS	Raging	FCD Acqu/Elev	$2,183,810	$1,753,880	$1,250,000	$429,930	$0	$1,679,930	$0	$0	$0	$0	$0	$1,679,930			$3,433,810	Near Preston in unincorporated King County. Acquisition of at-risk homes in the Alpine Manor neighborhood.
57	WLFL4 RAGING SCOUR REPAIR 2017	Raging	Agreement	$80,000	$25,062	$0	$54,938	($54,938)	$0	$0	$0	$0	$0	$0	$0			$25,062	Near Fall City in unincorporated King County Complete. This bridge has a history of scour damage. One of the arch foundations is exposed. Repair scour mitigation measures to protect the footing. It serves only one house but is a designated King County Landmark.
58	**Snoqualmie-South Fork Skykomish Subtotal**			$91,669,894	$64,315,402	$29,415,607	$27,155,406	$95,687	$56,666,700	$15,273,733	$27,687,983	$16,215,363	$12,234,283	$4,255,000	$132,333,062			$385,998,464	
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61	WLFL5 ALLEN LK OUTLET IMPRVMNT	Sammamish	Agreement	$881,256	$124,685	$1,500,000	$756,571	$0	$2,256,571	$400,000	$10,000	$0	$0	$0	$2,666,571			$2,791,256	Sammamish. To address chronic flooding on this sole access roadway with approximately 200 properties, look at upstream and downstream retention/detention options; study road-raining options; prepare Concept Development Report, analyze and select best options.
62	WLFL5 GEORGE DAVIS CRK CITY OF SAMMAMISH	Sammamish	Agreement	$400,000	$0	$0	$400,000	$0	$400,000	$0	$0	$0	$0	$0	$400,000			$400,000	Sammamish. This project will restore access to one river mile of high quality kokanee salmon habitat and reduce the risk of flooding by reducing sediment deposition.
63	WLFL5 IRWIN R 2020 REPAIR	Sammamish	FCD Const	$836,037	$798,562	$0	$37,475	$0	$37,475	$0	$0	$0	$0	$0	$37,475			$836,037	Near Issaquah in unincorporated King County. Further damage to the facility could cut off the sole access to one resident (via a private road and bridge over the creek).
64	WLFL5 ISSAQUAH CREEK CIS	Sammamish	FCD Const	$200,000	$17,168	$780,000	$182,832	$0	$962,832	$300,000	$0	$0	$0	$0	$1,262,832			$1,280,000	Near Issaquah in unincorporated King County: Identify and prioiritize near-, mid-, and long-term capital projects for Flood Control District funding along Near Issaquah in unincorporated King County Creek.
65	WLFL5 JEROME 2020 REPAIR	Sammamish	Agreement	$355,083	$80,329	$0	$274,754	$0	$274,754	$0	$0	$0	$0	$0	$274,754			$355,083	Issaquah. The Jerome Revetment protects three private residences in the City of Issaquah. Erosion of the revetment could result in loss of property and damage to private utilities. Loss of bank in front of middle property. 70 linear feet (LF) of erosion.
66	WLFL5 LK SAMMAMISH FLOOD MIT GRANTS	Sammamish	Agreement	$1,000,000	$8,106	$0	$991,894	$0	$991,894	$0	$0	$0	$0	$0	$991,894			$1,000,000	Issaquah: Funding for a near-term grant program to help fund flood mitigation options for lakeside landowners, such as floating docks, relocation or elevation of outbuilding and other damage-reduction and floodproofing measures. Established pursuant to FCDEM2021-3.
67	WLFL5 MOMB 2020 REPAIR	Sammamish	FCD Const	$379,342	$325,195	$525,000	$54,147	$0	$579,147	$15,000	$0	$0	$0	$0	$594,147			$919,342	Near Issaquah in unincorporated King County. Damage to the SE 156th St. road next flood season could cut off the sole access to a community of about 30 homes. More erosion at the downstream end of the facility may further destabilize the steep slope of the landslide and threaten downstream homeowners.
68	WLFL5 SAMMAMISH CIS	Sammamish	FCD Const	$2,368,401	$1,630,378	$784,719	$738,023	$0	$1,522,742	$0	$0	$0	$0	$0	$1,522,742			$3,153,120	Redmond, Woodinville, Bothell, and Kenmore: Identify and prioiritize near-, mid-, and long-term capital projects for Flood Control District funding along the Sammamish River.
69	WLFL5 WILLOWMOOR FLDPLAIN REST	Sammamish	FCD Const	$4,221,871	$3,927,652	$400,000	$294,219	$238,106	$932,325	$0	$0	$0	$0	$0	$932,325			$4,859,977	Redmond. Willowmoor Floodplain Restoration Project seeks to reduce the frequency and duration of high lake levels in Lake Sammamish while maintaining downstream Sammamish River flood control performance and enhancing habitat. Design only, does not include implementation costs. The project will reconfigure the Sammamish transition zone to ensure ongoing flow conveyance, downstream flood control, potential extreme lake level reduction, habitat conditions improvement, and reduction of maintenance impacts and costs. Project is currently on hold pending completion of a 3rd party review.
70	WLFL6 148TH AVE SE LARSEN LK BELLEVUE	Lk Wash Tribs	Agreement	$538,500	$434,223	$0	$104,277	$0	$104,277	$0	$0	$0	$0	$0	$104,277			$538,500	Bellevue. Conduct a site assessment and initiate preliminary design to progress toward construction of best drainage treatments and resilient design to reduce or eliminate roadway flooding on 148th Ave SE. Improve high water flow capacity for Larsen Lake/Lake Hills Greenbelt to Kelsey Creek where it floods 148th Avenue SE during moderate to severe storm and longer duration rainfall periods.
71	WLFL6 BEAR CRK FLOOD EROSION REDMOND	Lk Wash Tribs	Agreement	$1,550,000	$128	$0	$1,549,872	$0	$1,549,872	$0	$0	$0	$0	$0	$1,549,872			$1,550,000	Redmond. Protect Avondale Rd from an embankment that has been scoured by floodwaters from Bear Creek.
72	WLFL6 FACTORIA BLVD DRAINAGE	Lk Wash Tribs	Agreement	$6,814,000	$0	$0	$6,814,000	$0	$6,814,000	$0	$0	$0	$0	$0	$6,814,000			$6,814,000	Bellevue. Reduce flooding during high-intensity storm events along Factoria Boulevard, a major transportation corridor within the City of Bellevue. These events have increased in frequency and are anticipated to be even more frequent in the future as a result of climate change.
73	WLFL6 ISSAQUAH TRIB FEAS	Lk Wash Tribs	Agreement	$350,000	$323,371	$0	$26,629	$0	$26,629	$0	$0	$0	$0	$0	$26,629			$350,000	Near Issaquah in unincorporated King County. Prepare a feasibility analysis report which will include, but is not limited to, surveying, geotechnical analysis, traffic analysis, and hydraulic analysis to idenify potential solutions to bridge deficiencies, including a constructed hydraulic opening with piles that collect debris and pose risks to the stability of the bridge.
74	WLFL6 LOWER COAL CRK PH I	Lk Wash Tribs	Agreement	$11,846,592	$11,529,354	$1,310,000	$317,238	$0	$1,627,238	$1,432,358	$0	$0	$0	$0	$3,059,596			$14,588,950	Bellevue. Increase conveyance capacity at the five box culvert crossings. Disconnect local storm drainage outfall from Coal Creek and redirect them to Lake Washington. Implemented by City of Bellevue. Expenditure forecast to be updated based on current project schedule.
75	WLFL6 MAY VALLEY 186TH AVE SE CULVERT	Lk Wash Tribs	FCD Const			$500,000	$0	$0	$500,000	$0	$0	$0	$0	$0	$500,000			$500,000	Near Renton in unincorporated King County. Reduce surface water flooding by replacing the culvert on East-West ditch under 186th Avenue SE.
76	WLFL6 MAY VALLEY DRAINAGE IMPRVMNT	Lk Wash Tribs	Agreement	$530,000	$270,747	$0	$259,253	$0	$259,253	$0	$0	$0	$0	$0	$259,253			$530,000	Newcastle. As recommended in the May Creek Basin Plan, two sediment traps will be constructed on May Creek tributaries (Cabbage and Country Creeks) to limit sediment loading. FCD funding is for initial feasibility analysis, landowner outreach, and acquisition of property from willing sellers for a future sediment facility.
77	WLFL7 BELMONDO 2020 REPAIR	Cedar	FCD Const	$391,800	$420,694	$1,546,469	($28,894)	$0	$1,517,575	$18,000	$0	$0	$0	$0	$1,535,575			$1,956,269	Near Renton in unincorporated King County. Critical facilities (Utilities, CRT, SR 169). Regional impact extents. Potential human injury from sudden change in conditions. Generally exposed bank - damage likely to occur next major high-flow event.
78	WLFL7 BYERS NEIGHBORHOOD IMPROVEMENTS	Cedar	FCD Const	$220,000	$7,954	$0	$212,046	$0	$212,046	$0	$0	$0	$0	$0	$212,046			$220,000	Near Renton in unincorporated King County. Capital Investment Strategy: Take several actions to reduce flood risk including construction of an emergency egress route, acquisition of flood-prone homes, and possible elevation of neighborhood roads. The Cedar CIS will be reviewed by the District in light of changed conditions from the 2020 flood disaster.
79	WLFL7 CDR PRE-CONST STRTGC ACQ	Cedar	FCD Acqu/Elev	$8,330,532	$5,276,138	$2,000,000	$3,054,394	$0	$5,054,394	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$15,054,394			$20,330,532	Near Renton in unincorporated King County. This project will acquire strategic real estate upon which several large Flood Control District capital projects are dependent (Project J in the Capital Investment Strategy). Assumes 3 homes per year.
80	WLFL7 CEDAR CIS LONG TERM	Cedar	FCD Acqu/Elev				$0	$0	$0	$0	$0	$0	$0	$0	$0		$35,400,000	$35,400,000	Near Renton in unincorporated King CountyImplement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
81	WLFL7 CEDAR CIS MED TERM	Cedar	FCD Acqu/Elev				$0	$0	$0	$0	$0	$0	$0	$0	$0	$22,000,000		$22,000,000	Near Renton in unincorporated King CountyImplement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee.
82	WLFL7 CEDAR R DWNSTREAM 2024 IMPV	Cedar	Agreement		$0	$150,000	$0	$0	$150,000	$0	$0	$0	$0	$0	$150,000			$150,000	Near Renton in unincorporated King County Improve Cedar Grove Road near Byers Road SE and alleviate roadway flooding by raising the road through the application of a thick layer of overlay.
83	WLFL7 CEDAR RES FLOOD MITIGATION	Cedar	FCD Acqu/Elev	$4,605,134	$3,522,731	$1,732,989	$1,082,403	$0	$2,815,392	$2,000,000	$1,600,000	$1,600,000	$1,600,000	$1,600,000	$11,215,392			$14,738,123	Near Renton in unincorporated King County. Implement projects identified in the Capital Investment Strategy, approved as policy direction by the Executive Committee. Project K on the CIS: Risk analysis has identified 53 homes as high risk from flooding and channel migration, but which are not mitigated by projects. Elevate or purchase approximately 2 homes per year.

No.	Title	Basin	Type of project	2023 Inception to Date Budget	2023 Inception to Date Expendiure	2024 Adopted	2023 Carryover	2024 Reallocation Request	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected	6-Year CIP Total (Including 2023 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
84	WLFL7 CEDAR RVR GRAVEL REMOVAL	Cedar	Agreement	$12,835,100	$10,574,387	$0	$2,260,713	$0	$2,260,713	$500,000	$500,000	$500,000	$0	$0	$3,760,713			$14,335,100	Renton. The project ensures the minimum required 100-year flood conveyance capacity along the lower 1.25 miles of the Cedar River. Project is a required maintenance action by the Army Corps of Engineers Section 205 Flood Control Project. Maintenance dredging took place in 2016. Project funding shown herein represent post construction mitigation monitoring and reporting as well as the planning and design of the next dredging project. Additional funding will be needed beyond 2026 to cover permitting, mitigation plan development, construction, mitigation and post-construction monitoring work associated with the next cycle of dredging.
85	WLFL7 CEDAR R GRAVEL PHASE II	Cedar	Agreement			$0	$0	$0	$0	$0	$0	$0	$0	$10,500,000	$10,500,000			$10,500,000	Renton. The project ensures the minimum required 100-year flood conveyance capacity along the lower 1.25 miles of the Cedar River. Project is a required maintenance action by the Army Corps of Engineers Section 205 Flood Control Project. Maintenance dredging took place in 2016. Project funding shown herein represent post construction mitigation monitoring and reporting as well as the planning and design of the next dredging project. Additional funding will be needed beyond 2026 to cover permitting, mitigation plan development, construction, mitigation and post-construction monitoring work associated with the next cycle of dredging.
86	WLFL7 CITY OF RENTON LEVEE CERTIFICATION	Cedar	Agreement	$5,000,000	$1,078,341	($3,312,078)	$3,921,659	$0	$609,581	$2,500,000	$812,078	$0	$0	$0	$3,921,659			$5,000,000	Renton. Levee improvements necessary to satisfy levee certification engineering recommendations.
87	WLFL7 CRT SITE 5 2020 REPAIR	Cedar	FCD Const	$568,015	$329,122	$99,605	$238,893	$0	$338,498	$2,200,000	$20,000	$0	$0	$0	$2,558,498			$2,887,620	Near Renton in unincorporated King County. Erosion and scour have resulted in loss of toe and bank rock, oversteepened and undercut banks (some portions cantilevered). Scour has undermined numerous large trees, likely to fall into the channel likely resulting in further damage of the bank. Damage is observed along approximately 350 feet of facility, near the upstream end.
88	WLFL7 CRT SITE 5B 2020 REPAIR	Cedar	FCD Const	$320,000	$325,321	$0	($5,321)	$10,321	$5,000	$0	$0	$0	$0	$0	$5,000			$330,321	Near Renton in unincorporated King County. Erosion and scour have resulted in loss of toe and bank rock, oversteepened and undercut banks (some portions cantilevered). Scour has undermined numerous large trees, likely to fall into the channel likely resulting in further damage of the bank. Damage is observed along approximately 350 feet of facility, near the upstream end.
89	WLFL7 CRT2 ZONE D 2020 REPAIR	Cedar	Agreement	$5,335,656	$2,808	$0	$5,332,848	$0	$5,332,848	$0	$0	$0	$0	$0	$5,332,848			$5,335,656	Near Renton in unincorporated King County Critical facilities (Utilities, CRT, SR 169). Regional impact extents. Potential human injury from sudden change in conditions. Damage may occur next flood season/likelihood increasing. This repair addresses damage to the CRT 2 revetment downstream of the 2020 emergency repair site, retrofitting the 2020 emergency repair with wood bank deflectors for long-term protection, and extending CRT 2 upstream to replace the damaged Riverbend Lower revetment, which will be removed as part of the Riverbend phase 2 project.
90	WLFL7 CRT SITE 2 2020 REPAIR	Cedar	Agreement	$1,233,000	$1,234,169	$1,169	($1,169)	$0	$0	$0	$0	$0	$0	$0	$0			$1,234,169	Near Renton in unincorporated King County Complete. This emergency action will armor up to 300 feet river bank and construct a buried revetment to stabilize the bank and prevent further erosion to the most damaged portion. This emergency action and the subsequent extension are upstream of the CRT 2 revetment in an area referred to as "Zone B."
91	WLFL7 DORRE DON AVULSION ANALYSIS	Cedar	FCD Const	$100,000	$42,152	($58,107)	$57,848	$259	$0	$0	$0	$0	$0	$0	$0			$42,152	Near Renton in unincorporated King County. The main channel has avulsed into the previous left floodplain, leading to erosion of the channel bank, adjacent to 231st Pl SE.
92	WLFL7 DORRE DON NBHOOD IMPRVMNT	Cedar	FCD Const	$800,000	$0	$0	$800,000	$0	$800,000	$0	$0	$0	$0	$0	$800,000			$800,000	Near Renton in unincorporated King County. Capital Investment Strategy: This project will acquire flood-prone homes per the Cedar CIS, as well as evaluate if changes to the levee and road elevation will result in meaningful flood risk reduction and to determine what level of protection can be provided. The study would also evaluate other structural improvements such as raising Lower Dorre Don Way SE upstream and downstream of the trail crossing and farther downstream near RM 16.3. The Cedar CIS will be reviewed by the District in light of changed conditions from the 2020 flood disaster.
93	WLFL7 HERZMAN LEVEE SETBACK	Cedar	FCD Const	$3,712,467	$3,905,049	$8,313,677	($192,582)	$0	$8,121,095	$121,364	$0	$0	$0	$0	$8,242,459			$12,147,508	Near Renton in unincorporated King County. Capital Investment Strategy: Setback levee; excavate side-channel to reduce pressure on revetment; reconstruct, reinforce and/or extend revetment; acquire up to 5 properties.
94	WLFL7 ISSAQUAH MAY VALLEY IMPV	Cedar	Agreement	$100,000	$88,319	$0	$11,681	$0	$11,681	$0	$0	$0	$0	$0	$11,681			$100,000	Near Issaquah in unincorporated King County. This project will construct improvements to the intersection which could be either a roundabout or additional travel lanes with a travel signal at the intersection of Near Issaquah in unincorporated King County Hobart Road SE and SE May Valley Road. Complete.
95	WLFL7 JAN ROAD LEVEE SETBACK	Cedar	FCD Const	$15,976,060	$15,106,382	$0	$869,678	$0	$869,678	$0	$0	$0	$0	$0	$869,678			$15,976,060	Near Renton in unincorporated King County. Capital Investment Strategy: Suite of solutions to be determined as part of feasibility study. Includes raise road, partial removal of Jan Road levee, construction of side channel, and mitigation of at-risk properties. Construction completed in 2022.
96	WLFL7 LOWER CEDAR FEASIBILITY STUDY	Cedar	Agreement	$520,000	$184,866	$0	$335,134	$0	$335,134	$165,239	$0	$0	$0	$0	$500,373			$685,239	Renton. Capital Investment Strategy: Conduct feasibility study of Lower Cedar reach in City of Renton to 1) quantity economic damage potential 2) determine infrastructure modifications to improve flood resiliency and sediment storage potential, and 30 conduct cost-benefit analysis.
97	WLFL7 LOWER JONES ROAD NEIGHBORHOOD	Cedar	FCD Const	$2,654,203	$682,439	$0	$1,971,764	$0	$1,971,764	$0	$0	$0	$0	$0	$1,971,764			$2,654,203	Near Renton in unincorporated King County. Capital Investment Strategy: Raise in place or setback Jones Road; excavate and stabilize right bank to increase conveyance capacity; reinforce one revetment; remove portion of another revetment; acquire 8 at risk properties.
98	WLFL7 MADSEN CR CULVERT 2017	Cedar	Agreement	$3,326,000	$3,238,413	$0	$87,587	$0	$87,587	$0	$0	$0	$0	$0	$87,587			$3,326,000	Near Renton in unincorporated King County To address a culvert failure affecting approximately 10 properties, prepare Concept Development Report to analyze and select best culvert replacement and road-raising option; and analyze upstream and downstream retention/detention impacts.
99	WLFL7 MADSEN CR RENTON	Cedar	Agreement	$635,000	$619,827	($15,173)	$15,173	$0	$0	$0	$0	$0	$0	$0	$0			$619,827	Renton. Design and implement phase I improvements to Madsen Creek to achieve 100-year level flood protection for properties south of SR 169 and 25-year level flood protection for properties north of SR 169.
100	WLFL7 MAPLEWOOD FEASIBILITY STUDY	Cedar	FCD Const	$490,246	$477,246	$0	$13,000	$0	$13,000	$0	$0	$0	$0	$0	$13,000			$490,246	Renton. Capital Investment Strategy: Conduct site specific landslide risk assessment study; conduct a feasibility study to evaluate opportunities to modify the Erickson Levee. Pending results of landslide hazard analysis, FCD will consider options for a project.
101	WLFL7 PROGRESSIVE INVESTMENT RVTMNT	Cedar	FCD Const			$215,118	$0	$0	$215,118	$720,199	$26,444	$0	$0	$0	$961,761			$961,761	Renton. This project will remove the Progressive Investment Levee. It is a companion project for the CRT 5 and CRT 5B projects and will provide effective habitat lift not provided at these project sites. The Progressive Investment Levee, near River Mile 8.4 on the Cedar River, is a vestigial flood protection facility that is on public land, is currently eroding and is not directly adjacent to critical infrastructure.
102	WLFL7 TABOR-CROWALL-BRODELL 2020 REPAIR	Cedar	FCD Const	$1,974,453	$1,068,864	$744,302	$905,589	$799,520	$2,449,411	$4,568,179	$70,662	$0	$0	$0	$7,088,252			$8,157,116	Near Renton in unincorporated King County. Critical facilities (Utilities, CRT, SR 169). Regional impact extents. Potential human injury from sudden change in conditions. Generally exposed bank along 200 feet - damage likely to occur next major high-flow event.
103	WLFL7 RIVERBEND MHP ACQ	Cedar	FCD Acqu/Elev	$5,133,210	$5,182,126	$48,916	($48,916)	$0	$0	$0	$0	$0	$0	$0	$0			$5,182,126	Near Renton in unincorporated King County. This project represents the Flood District contribution to a larger project that relocates mobile home park tenants and initiates preliminary engineering design for potential levee setback / realignment to reduce flood heights, velocities and channel migration risk in this reach. Disappropriate remainder after FCD portion of scope is complete.
104	WLFL7 SR 169 FLOOD REDUCTION	Cedar	FCD Const	$5,485,588	$5,261,359	$0	$224,229	$0	$224,229	$0	$0	$0	$0	$0	$224,229			$5,485,588	Near Renton in unincorporated King County. Conduct feasibility study in coordination with WSDOT to evaluate flood risk reduction opportunities, such as elevating SR 169, upgrading the local drainage infrastructure, and / or installation of back flow prevention gates. Funding added in 2019 pending FCD decision to move forward with preliminary design.
105	**Cedar-Sammamish Subtotal**			$112,017,546	$78,098,606	$17,266,606	$33,918,941	$1,048,206	$52,233,753	$16,940,339	$5,039,184	$4,100,000	$3,600,000	$14,100,000	$96,013,276			$231,511,882	
106																			
107																			
108	WLFL8 BRISCOE LEVEE SETBACK	Green	Agreement	$23,330,271	$21,376,401	$0	$1,953,870	$0	$1,953,870	$0	$0	$0	$0	$0	$1,953,870			$23,330,271	Kent. Floodwall construction at four locations completed by the City of Kent. Final expenditures for the remainder of 2017 will include reimbursement for property acquisition and riparian plantings. The revised 2017 financial plan includes revenue of $4.1 million for the sale of the Rivers Edge Business Park. Per FCD 2016-20 Section 6, this revenue makes expenditure authority available for the Lower Russell Levee Setback project. The Briscoe project will be closed out once the District's ILA with Kent expires in 2018.
109	WLFL8 BRPS CONTROL BLDG RPLCMT	Green	FCD Const	$1,144,012	$916,790	$509,123	$227,222	$0	$736,345	$1,747,989	$3,960,942	$8,938,407	$3,208,925	$0	$18,592,608			$19,509,398	Renton. This project will design and build the second phase of renovations to the Black River pump station. Major components include replacement of the control building, replacement of the trash rake system, and replacement of the screen spray system.
110	WLFL8 BRPS FISH PASS IMPRVMNTS	Green	FCD Const	$3,589,122	$2,868,668	$4,239,899	$720,454	$0	$4,960,353	$13,863,796	$39,983,187	$71,113,669	$15,906,811	$0	$145,827,816			$148,696,485	Renton. This project will design and build the fourth phase of renovations to the Black River pump station, revising and replacing the obsolete fish passage systems.
111	WLFL8 BRPS HIGH-USE ENGINES	Green	FCD Const	$12,740,727	$10,833,791	$0	$1,906,936	$0	$1,906,936	$0	$0	$0	$0	$0	$1,906,936			$12,740,727	Renton. This project will design and build the first phase of renovations to the Black River pump station, replacing the three smaller pump engines which run much more frequently than the other, larger pump engines.
112	WLFL8 BRPS LARGE ENGINE REPLACEMENT	Green	FCD Const		$0	$87,418	$0	$0	$87,418	$0	$0	$0	$1,091,805	$11,241,923	$12,421,146			$12,421,146	Renton. This project will design and replace the large engines and overhaul the large pumps at the Black River pump station.
113	WLFL8 BRPS SEISMIC UPGRADES	Green	FCD Const	$2,279,149	$1,274,461	$1,804,738	$1,004,688	$0	$2,809,426	$6,196,267	$12,764,310	$30,238,651	$14,218,740	$0	$66,227,394			$67,501,855	Renton. This project will strengthen and improve the structure and subsurface soils at the Black River Pump Station.
114	WLFL8 BRPS SUPPORT SYS UPGRADES	Green	FCD Const	$1,486,439	$1,424,229	$70,546	$62,210	$0	$132,756	$242,206	$548,840	$1,238,532	$444,638	$0	$2,606,972			$4,031,201	Renton. This project will design and build the third phase of renovations to the Black River pump station, replacing support systems such as engine control panels, cooling systems, oilers and hoists.
115	WLFL8 COVINGTON CR BLACK DIAMOND	Green	Agreement	$2,293,500	$167,260	$475,000	$2,126,240	$0	$2,601,240	$0	$0	$0	$0	$0	$2,601,240			$2,768,500	Black Diamond. Remove the three 6-foot diameter culverts where Lake Sawyer flows into Covington Creek and replace with a bridge to eliminate obstructions for water flow and allow passage for migrating salmon.
116	WLFL8 DESIMONE MAJOR REPAIR USACE	Green	Agreement	$1,626,852	$1,150,869	$5,094,174	$475,983	$28,828,925	$34,399,082					$0	$34,399,082			$35,549,951	Tukwila. Construct a floodwall to design elevation for 18,800 cfs plus 3 feet of freeboard, repairing slope failures, laying the levee embankment slope back and shifting the levee alignment (and trail) landward where possible. The floodwall will connect previously constructed floodwalls at Desimone reaches 1 and 2.
117	WLFL8 DYKSTRA 2022 REPAIR	Green	FCD Const	$10,000	$322	$0	$9,678	$0	$9,678	$0	$0	$0	$0	$0	$9,678			$10,000	Auburn: New flood damage repair project. Address scour and bank erosion and missing toe rock upstream of 2015 Corps of Engineers repair.
118	WLFL8 FORT DENT 2020 REPAIR	Green	FCD Const	$1,118,933	$529,116	$984,064	$589,817	$0	$1,573,881	$5,366,689	$39,666	$0	$0	$0	$6,980,236			$7,509,352	Damage increases vulnerability of the heavily used regional Green River trail and regional soccer complex (Starfire) and Tukwila Park. Erosion increases vulnerability to trail and soccer fields.
119	WLFL8 GALLI-DYKSTRA 2020 REPAIR	Green	FCD Const	$1,656,680	$1,379,601	$0	$277,079	$0	$277,079	$0	$0	$0	$0	$0	$277,079			$1,656,680	Auburn. Complete Phase 1 repair per a request from the City of Auburn. Elevate 3500 feet levee reach to meet FEMA levee certification requirements.
120	WLFL8 GREEN PRE-CONST ACQ	Green	FCD Acqu/Elev	$17,577,724	$8,703,445	$0	$8,874,279	$0	$8,874,279	$5,000,000	$5,000,000	$5,000,000	$5,000,000	$5,000,000	$33,874,279			$42,577,724	Auburn, Kent, Near Renton in unincorporated King County, Tukwila. This project will acquire strategic real estate upon which future large Flood Control District capital projects are dependent, thereby reducing risks to construction schedules for those projects.
121	WLFL8 GREEN R IMPROVEMENT 2024	Green	Agreement			$150,000	$0	$0	$150,000	$0	$0	$0	$0	$0	$150,000			$150,000	Auburn. Improve SE Green Valley Road near SE Auburn Black Diamond Road and alleviate roadway flooding by raising the road through the application of a thick layer of overlay.
122	WLFL8 GREEN SCOUR REPAIR 2017	Green	Agreement	$150,000	$47,524	$0	$102,476	$0	$102,476	$0	$0	$0	$0	$0	$102,476			$150,000	Auburn. This project will address scour damage to the bridge, which is on the primary through route of the Green River Valley Rd. The bridge is also a King County landmark.
123	WLFL8 HSB BREDA SETBACK KENT	Green	Agreement	$15,030,509	$931,214	$400,000	$14,099,295	$0	$14,499,295	$0	$0	$0	$0	$0	$14,499,295			$15,430,509	Kent. This project will reconstruct the Horseshoe Bend Levee at the Breda reach (RM 24.46-24.72) to a more stable configuration in order to reduce flood risk to the surrounding areas. The project will also raise levee crest elevations to contain the 500-year (0.2% annual chance) flood. This segment of the levee has the lowest factor of safety rating of the Horseshoe Bend levee.
124	WLFL8 HSB MCCOY REALIGNMENT USACE	Green	Agreement	$2,704,244	$291,295	$700,000	$2,412,949	$0	$3,112,949	$0	$0	$0	$0	$0	$3,112,949			$3,404,244	Kent. This USACE repair project replaces the SWIF capital project originally planned by the FCD. The repair project is anticipated to stabilize the failure of the levee slope, construct a ring levee around an isolated utility, and shift the alignment of the federal levee back to the City of Kent's secondary containment levee.

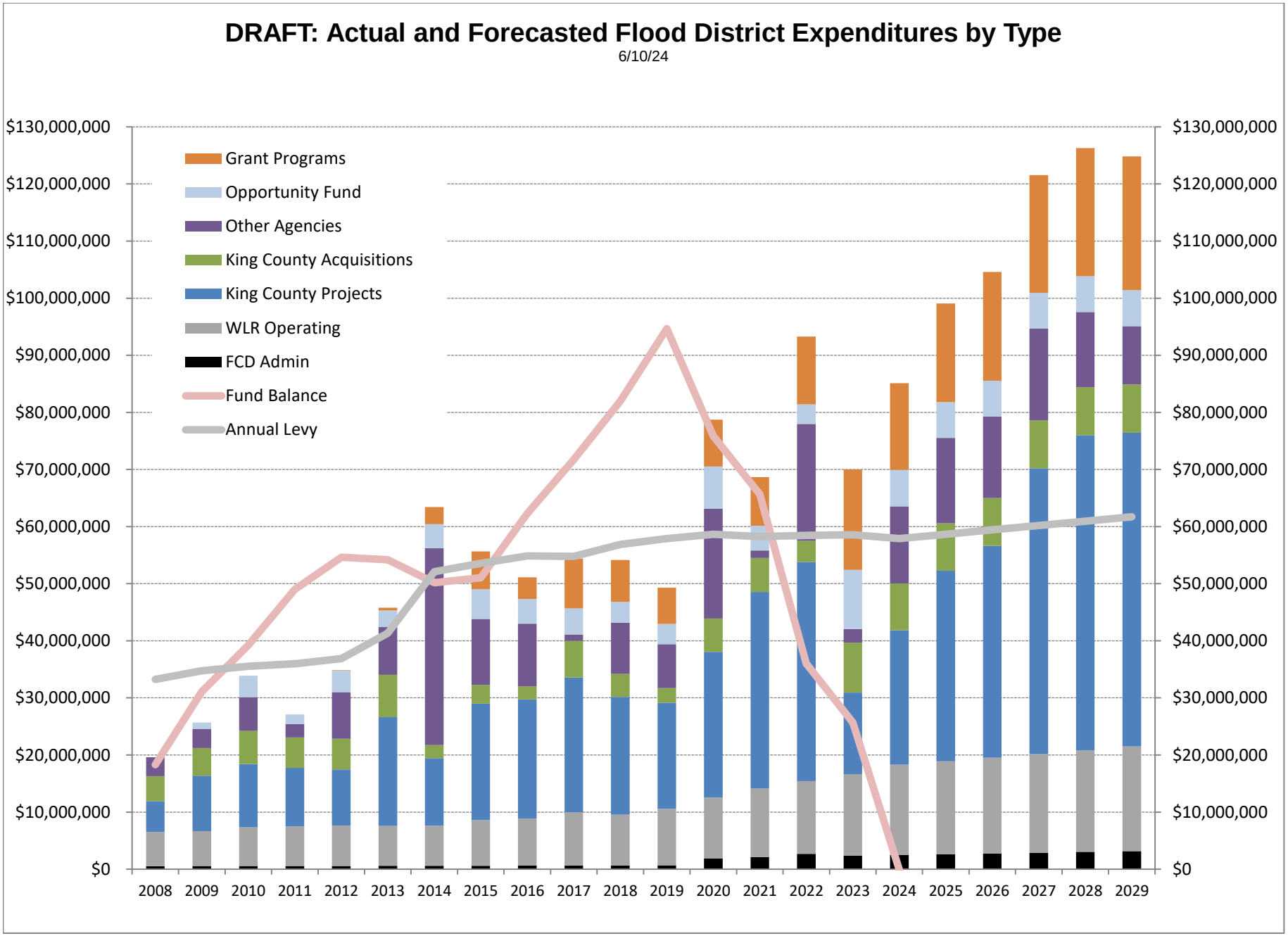
No.	Title	Basin	Type of project	2023 Inception to Date Budget	2023 Inception to Date Expendiure	2024 Adopted	2023 Carryover	2024 Reallocation Request	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected	6-Year CIP Total (Including 2023 Carryover)	CIS Year 7-10	CIS 10+ Year	Project Life Total	Comments
125	WLFL8 KENT AIRPORT RVTMNT 2022 REPAIR	Green	FCD Const	$425,127	$248,207	$978,750	$176,920	$0	$1,155,670	$12,750	$0	$0	$0	$0	$1,168,420			$1,416,627	Kent: New flood damage repair project. Stabilize over steepened bank and rock revetment that has been undercut by rotational bank failure.
126	WLFL8 LOWER RUSSELL ACQ KENT	Green	FCD Const	$1,123,668	$1,023,656	($100,012)	$100,012	$0	$0	$0	$0	$0	$0	$0	$0			$1,023,656	Kent. Acquisitions by the City of Kent for the Lower Russell levee setback project.
127	WLFL8 LWR GRN R CORRIDOR PLAN/EIS	Green	FCD Const	$748,519	$681,217	$0	$67,302	$0	$67,302	$5,000	$0	$0	$0	$0	$72,302			$753,519	Auburn, Kent, Renton, Tukwila. Lower Green River Corridor Planning and Environmental Impact Statement.
128	WLFL8 LWR RUSSELL LEVEE SETBACK	Green	FCD Const	$57,965,925	$57,400,148	$0	$565,777	$0	$565,777	$0	$0	$0	$0	$0	$565,777			$57,965,925	Kent. Remove and replace the existing flood containment system of levee and revetments along the right (east) bank of the Green River between river mile 17.85 (S 212th St) and river mile 19.25 (S 231st Way) in the City of Kent to provide long-term flood protection and improve riparian and aquatic habitat. Increased expenditure authority to match interim SWIF adopted by Board of Supervisors.
129	WLFL8 MILWAUKEE LEVEE #2-KENT	Green	Agreement	$19,400,000	$2,261,656	$0	$17,138,344	$0	$17,138,344	$0	$0	$0	$0	$0	$17,138,344			$19,400,000	Kent. Prepare an analysis and study of design and construction alternatives to provide flood protection, scour protection, enable levee certification and secure necessary land rights.
130	WLFL8 O'CONNELL REVETMENT 2021 REPAIR	Green	FCD Const	$632,006	$248,793	$164,800	$383,213	$0	$548,013	$1,025,095	$22,947	$0	$0	$0	$1,596,055			$1,844,848	Kent: Stabilize the O'Connell revetment slope, and move or replace the road shoulder and guardrail.
131	WLFL8 RUSSELL RD UPPER KENT	Green	Agreement	$6,082,173	$6,065,056	($17,117)	$17,117	$0	$0	$0	$0	$0	$0	$0	$0			$6,065,056	Kent. Project is to improve the levee by providing a minimum of 3 feet of freeboard above the predicted 500-year flood event and improve slope stability. These segments of the Russell Road Upper Levee have over-steepened slopes and therefore lack adequate structural stability to provide adequate safety.
132	WLFL8 SIGNATURE PT REVETMENT KENT	Green	Agreement	$18,305,164	$1,529,793	$5,650,000	$16,775,371	$0	$22,425,371	$23,195,000	$9,595,255	$0	$0	$0	$55,215,626			$56,745,419	Kent. Project provides increased level of protection to 1.5 miles of Lower Green River Corridor. Alternative selected by Executive Committee.
133	WLFL8 TUK-205 GUNTER FLOODWALL	Green	FCD Const	$8,546,716	$1,718,240	$2,909,586	$6,828,476	$0	$9,738,062	$2,047,500	$4,432,790	$26,355,345	$61,500	$0	$42,635,197			$44,353,437	Tukwila. This project will construct a facility to bring this levee segment in compliance with certification requirements for structural stability and raise the levee to roughly the 500 year event.
134	WLFL8 TUK-205 RATOLO FLOODWALL	Green	FCD Const	$50,000	$0	$300,000	$50,000	$0	$350,000	$1,400,000	$50,000	$0	$0	$0	$1,800,000			$1,800,000	Tukwila. This project will construct a 0.15 mile floodwall and sloped embankment to protect adjacent businesses from flooding. The floodwall alignment (including embankment slope, factors of safety, and necessary real estate) will be finalized during the project design phase.
135	WLFL8 TUK-205 USACE GACO-SEGALE	Green	Agreement	$1,069,950	$993,500	$195,466	$76,450	$0	$271,916	$629,220	$5,138,549	$29,504	$0	$0	$6,069,189			$7,062,689	Tukwila. US Army Corps led project to replace 3500 ft. of Tukwila 205 levee in-place replacement to bring up to 500-year level of protection per the adopted interim SWIF. The USACE will cost-share up to 100 year level of protection. Requires cooperation agreement.
136	WLFLS PUGET WAY CULVERT	Green	Agreement	$1,800,000	$1,573,529	$0	$226,471	$0	$226,471	$0	$0	$0	$0	$0	$226,471			$1,800,000	Seattle. This project will replace an aging and undersized creek culvert under Puget Way SW in Seattle.
137	WLFLS S PARK FLOOD PREVENTION	Green	Agreement	$1,551,000	$0	$490,000	$1,551,000	$0	$2,041,000	$0	$0	$0	$0	$0	$2,041,000			$2,041,000	Seattle. Installation and maintenance of a temporary barrier along the Duwamish River in South Park, including project management, staging and demobilization, and related work; culturally appropriate flood-related education, outreach, and engagement on near and long-term flood reduction strategies, and communication materials.
138	WLFLS SOUTH PARK PUMPSTATION	Green	Agreement	$6,505,000	$6,504,454	($546)	$546	$0	$0	$0	$0	$0	$0	$0	$0			$6,504,454	Seattle. Cost-share construction of pump station to reduce flooding in industrial area. Allocation of funds by year may be revised based on updated project schedule. Implemented by the City of Seattle. Expenditure forecast to be updated based on current project schedule.
139	WLFLS S PARK DRAINAGE IMPROVEMENTS	Green	Agreement	$17,105,000	$17,105,410	$0	($410)	$410	$0	$0	$0	$0	$0	$0	$0			$17,105,410	Seattle. The South Park Drainage Conveyance Improvements Project will install a formal conveyance system in the streets, to get flows to the pump station. The conveyance improvements will work in conjunction with the Pump Station.
140	**Green-Duwamish Subtotal**			$228,048,410	$149,248,643	$25,085,889	$78,799,765	$28,829,335	$132,714,989	$60,731,512	$81,536,487	$142,914,107	$39,932,419	$16,241,923	$474,071,438			$623,320,081	
141																			
142																			
143	WLFL9 212TH AVE SE @ SR 164 FLD IMPRVMNT	White	Agreement			$0	$0	$0	$0	$190,000	$0	$0	$0	$0	$190,000			$190,000	Enumclaw. Improve the drainage system to alleviate neighborhood flooding. May require improvements outside of the road right-of-way.
144	WLFL9 212TH AVE SE MITIGATION	White	Agreement	$65,000	$0	$0	$65,000	$0	$65,000	$0	$0	$0	$0	$0	$65,000			$65,000	Enumclaw. TBD
145	WLFL9 A STREET HESCOS	White	FCD Const	$420,000	$135,638	$0	$284,362	$0	$284,362	$0	$0	$0	$0	$0	$284,362			$420,000	Pacific. Complete. Reduces flood elevations that impact residential neighborhoods in the City of Pacific (200 homes, with $52 million of assessed and $13 million content value), improves sediment storage and enhances habitat.
146	WLFL9 COUNTYLINE TO A STREET	White	FCD Const	$23,926,129	$23,896,323	$0	$29,806	$220,194	$250,000	$0	$0	$0	$0	$0	$250,000			$24,146,323	Pierce County. Complete. Reduces flood elevations that impact residential neighborhoods in the City of Pacific (200 homes, with $52 million of assessed and $13 million content value), improves sediment storage and enhances habitat.
147	WLFL9 RIGHT BANK LEVEE SETBACK	White	FCD Const	$17,196,118	$16,247,849	$5,256,812	$948,269	$0	$6,205,081	$3,858,388	$2,214,247	$2,280,675	$0	$0	$14,558,391			$30,806,240	Pacific. Construct a new levee setback in the City of Pacific, extending from BNSF railroad bridge embankment to endpoint at Butte Ave. by White River Estates neighborhood.
148	WLFL9 SLIPPERY CREEK ACQ	White	FCD Acqu/Elev	$171,261	$116,261	$0	$55,000	($55,000)	$0	$0	$0	$0	$0	$0	$0			$116,261	Near Greenwater. In mid-2018 budget reallocation, funding was authorized to acquire a vacant property located outside flood hazard area on the north side of Highway 410. Subsequent site visits identified multiple unpermitted structures and a well; additional funding necessary to complete demolition and asbestos abatement at a remote and inaccessible location. Complete.
149	WLFL9 CHARLIE JONES DS CULVERT	White	Agreement	$600,000	$118,326	$1,000,000	$481,674	$0	$1,481,674	$50,000	$0	$0	$0	$0	$1,531,674			$1,650,000	Auburn. This project will analyze culvert replacement and road-raising options and implement the preferred option.
150	WLFL9 CHARLIE JONES US CULVERT	White	Agreement	$982,852	$937,611	$10,000	$45,241	$0	$55,241	$0	$0	$0	$0	$0	$55,241			$992,852	Auburn. This project will analyze culvert replacement and road-raising options and implement the preferred option.
151	WLFL9 STUCK R DR 2019 REPAIR	White	FCD Const	$820,294	$756,087	($65,322)	$64,207	$1,115	$0	$0	$0	$0	$0	$0	$0			$756,087	Auburn. Loss of facing rock along 130' of the lower half of the embankment. Some of the gravel fill under the rock has eroded as well, leaving a near-vertical face supporting the rock remaining on the upper slope. The rock that slid down is currently providing scour protection at the toe.
152	WLFL9 STUCK R DR FLOOD PROTECTION	White	FCD Const		$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,000,000	$1,000,000			$1,000,000	Auburn. TBD
153	WLFL9 WHITE RIVER CIS	White	FCD Const	$0	$0	$150,000	$0	$0	$150,000	$300,000	$1,000,000	$0	$0	$0	$1,450,000			$1,450,000	Pacific. Identify and prioiritize near-, mid-, and long-term capital projects for Flood Control District funding along the White River.
154	**White Subtotal**			$44,181,654	$42,208,095	$6,351,490	$1,973,559	$166,309	$8,491,358	$4,398,388	$3,214,247	$2,280,675	$0	$1,000,000	$19,384,668			$61,592,763	
155																			
156																			
157	WLFLG FLOOD REDUCTION GRANTS	Countywide	Grant	$60,776,690	$31,705,596	$13,415,191	$29,071,094	$0	$42,486,285	$13,828,441	$14,204,508	$14,580,136	$14,977,663	$15,370,146	$115,447,179			$147,152,775	Competitive grant program for flood reduction projects. Increases as a proportion of total FCD tax revenue.
158	WLFLG WRIA GRANTS	Countywide	Grant	$72,432,272	$50,155,820	$11,304,607	$22,276,452	$0	$33,581,059	$11,652,841	$11,969,742	$12,286,273	$12,621,258	$12,951,993	$95,063,166			$145,218,986	Cooperative Watershed Management Grant Program; priorities recommended by watershed groups. Increase based on assumed inflation rate.
159	WLFLM EFFECTIVENESS MONITORING	Countywide	FCD Const	$6,517,010	$5,989,441	$819,080	$527,569	$0	$1,346,649	$903,780	$588,180	$600,280	$520,730	$527,350	$4,486,969			$10,476,410	Evaluation of capital projects to determine effectiveness and identify project design improvements.
160	WLFLO SUBREGNL OPPRTNTY FUND	Countywide	Grant	$79,412,326	$64,225,056	$6,030,423	$15,187,271	$0	$21,217,694	$6,098,506	$6,170,535	$6,243,517	$6,317,243	$6,391,431	$52,438,926			$116,663,982	Allocation to all King County jurisdictions for flooding, water quality, or watershed management projects. Increases as a proportion of total FCD tax revenue.
161	WLFLX CENTRAL CHARGES	Countywide	FCD Const	$1,727,644	$1,882,458	$500,000	($154,814)	$0	$345,186	$200,000	$200,000	$200,000	$200,000	$200,000	$1,345,186			$3,227,644	Central charges related to the FCD's capital fund.
162	WLFLX COUNTYWIDE STRATEGIC ACQUISITIONS	Countywide	FCD Const	$2,000,000	$6,536	$2,000,000		$0	$2,000,000	$0	$0	$0	$0	$0	$2,000,000			$2,006,536	This project acquires properties with a connection to flooding as directed by the Flood District Board of Supervisors.
163	WLFLX FLOOD WARNING CTR UPGRADES	Countywide	FCD Const	$1,500,000	$297,315	$0	$1,202,685	$0	$1,202,685	$0	$0	$0	$0	$0	$1,202,685			$1,500,000	Replace existing IT systems that are outdated and at risk for failure.
164	WLFLX DUWAMISH KING TIDE FRCST	Countywide	FCD Const			$0	$0	$625,000	$625,000	$0	$0	$0	$0	$0	$625,000			$625,000	The FCD directs King County to develop and implement an expansion of the county Flood Warning Center to include forecasted King Tide events on the Duwamish River by October 1, 2024.
165	WLFLX CLIMATE CORPS	Countywide	FCD Const				$0	$750,000	$750,000	$0	$0	$0	$0	$0	$750,000			$750,000	Creates or augments an existing internship programs focused on developing workforce pathways creating, career opportunities, and living wage jobs for youth related to climate change, habitat restoration and/or flood risk reduction.
166	WLFLX FARM LEASE	Countywide	FCD Const				$0	$200,000	$200,000	$0	$0	$0	$0	$0	$200,000			$200,000	Directs King County to lease 30 acres of farmland consistent with the guidelines of the King County Farmland Lease Program.
167	WLFLX CONST MATERIALS STOCKPILE	Countywide	FCD Const	$149,992	$149,992		$0	$0	$0	$0	$0	$0	$0	$0	$0			$149,992	Stockpile material for future flood damage repairs.
168	WLFLX FLOOD EMERGENCY CONTGNCY	Countywide	FCD Const	$1,419,042	$419,042	$0	$1,000,000	$0	$1,000,000	$0	$0	$0	$0	$0	$1,000,000			$1,419,042	Contingency for emergency response actions during a flood event.
169	**Countywide Subtotal**			$225,934,975	$154,831,255	$34,069,301	$69,110,257	$1,575,000	$104,754,558	$32,683,568	$33,132,965	$33,910,206	$34,636,894	$35,440,920	$274,559,111			$429,390,366	
170																			
171	**Grand Total**			**$701,852,479**	**$488,702,001**	**$112,188,893**	**$210,957,928**	**$31,714,537**	**$354,861,358**	**$130,027,540**	**$150,610,866**	**$199,420,351**	**$90,403,596**	**$71,037,843**	**$996,361,555**			**$1,731,813,555**	

King County Flood Control District

2024 Reallocation Summary

June 10, 2024

No.	Title	Basin	2024 Reallocation Request	Reallocation Notes
3	WLFL0 TIMBERLANE 2019 REPAIR	SF Skykomish	($28,974)	Project completed; remove remaining budget authority to close project.
15	WLFL1 NORTH FORK BRIDGE FEASIBILITY	Upper Snoq	($44,315)	Project completed; remove remaining budget authority to close project.
16	WLFL1 PUMP STATION REVETMENT IMPROVEMENTS	Upper Snoq	$80,551	Additional budget requested as the design schedule has been accelerated by completing technical studies using a combination of consultants and in-house staff.
17	WLFL1 RECORD OFFICE 2016 REPAIR	Upper Snoq	($192,124)	Project completed; remove remaining budget authority to close project.
19	WLFL1 REINIG RD RVTMNT 2016 REPAIR	Upper Snoq	$18,939	Project in closeout phase; minor budget adjustment needed to complete project.
25	WLFL1 UPR SNO RES FLD MITIGTN	Upper Snoq	$730,940	Additional budget authority needed to potentially acquire two properties in 2024.
26	WLFL1 USACE PL 84-99 UPPER SNO	Upper Snoq	($414,392)	Project completed; remove remaining budget authority to close project.
57	WLFL4 RAGING SCOUR REPAIR 2017	Raging	($54,938)	Project completed; remove remaining budget authority to close project.
69	WLFL5 WILLOWMOOR FLDPLAIN REST	Sammamish	$238,106	Additional budget authority needed to complete 30% design.
88	WLFL7 CRT SITE 5B 2020 REPAIR	Cedar	$10,321	Project in closeout phase; minor budget adjustment needed to complete project.
91	WLFL7 DORRE DON AVULSION ANALYSIS	Cedar	$259	Project completed; minor budget adjustment needed to close project.
102	WLFL7 TABOR-CROWALL-BRODELL 2020 REPAIR	Cedar	$799,520	Preliminary design and site investigations identified the need to expand the extent of the repair, resulting in a larger, more complex and costly project.
116	WLFL8 DESIMONE MAJOR REPAIR USACE	Green	$28,828,925	Additional budget authority needed for the US Army Corps of Engineers expedited construction schedule of the locally preferred plan approved December 2023.
139	WLFLS S PARK DRAINAGE IMPROVEMENTS	Green	$410	Project completed; minor budget adjustment needed to close project.
146	WLFL9 COUNTYLINE TO A STREET	White	$220,194	Additional budget is requested to complete a Letter of Map Revision, update FEMA flood map panels, coordinate with the affected communities, and submit appropriate documentation to FEMA before closing the project.
148	WLFL9 SLIPPERY CREEK ACQ	White	($55,000)	Project completed; remove remaining budget authority to close project.
151	WLFL9 STUCK R DR 2019 REPAIR	White	$1,115	Project completed; minor budget adjustment needed to close project.
164	WLFLX DUWAMISH KING TIDE FRCST	Countywide	$625,000	Budget move from operating budget to capital budget to optimize project budgetary oversight.
165	WLFLX CLIMATE CORPS	Countywide	$750,000	Budget move from District oversight budget to capital budget to optimize project budgetary oversight.
166	WLFLX FARM LEASE	Countywide	$200,000	Budget move from District oversight budget to capital budget to optimize project budgetary oversight.


DRAFT: Actual and Forecasted Flood District Expenditures by Type
6/10/24
Grant Programs
Opportunity Fund
Other Agencies
King County Acquisitions
King County Projects
WLR Operating
FCD Admin
Fund Balance
Annual Levy
$130,000,000
$120,000,000
$110,000,000
$100,000,000
$90,000,000
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King County Flood Control District

Flood Program Financial Plan: 2024 Revised Budget and 6-Year CIP

June 10, 2024

	2023 Actual	2024 Adopted	2024 Revised	2025 Projected	2026 Projected	2027 Projected	2028 Projected	2029 Projected
Beginning Balance	34,267,954	26,719,546	25,669,038	(65,482)	(40,196,488)	(86,929,903)	(152,037,353)	(224,135,511)
Revenue								
Flood District								
Flood District Levy [1]	58,557,985	58,938,423	57,910,659	58,658,705	59,421,786	60,187,123	60,955,370	61,717,480
Interest Earnings [2]	1,592,050	299,793	1,192,554	(3,042)	(1,867,483)	(4,038,665)	(7,063,483)	(10,413,081)
Miscellaneous Revenue [3]	286,159	250,000	250,000	250,000	250,000	250,000	250,000	250,000
King County								
Grants [10]	917,054	0	0	0	0	0	0	0
Miscellaneous Revenue [5]	40,315	40,000	40,000	40,000	40,000	40,000	40,000	40,000
Total Revenue	61,393,563	59,528,217	59,393,213	58,945,663	57,844,303	56,438,459	54,181,888	51,594,399
Expenditure								
District Administration [6]	(2,379,060)	(3,438,637)	(2,488,637)	(2,613,069)	(2,743,722)	(2,880,908)	(3,024,954)	(3,176,202)
Operating Expenditure	(14,260,070)	(16,433,156)	(15,808,156)	(16,282,400)	(16,770,872)	(17,273,998)	(17,792,218)	(18,325,985)
Capital Expenditure	(53,353,349)	(59,044,600)	(66,830,940)	(80,181,199)	(85,063,123)	(101,391,003)	(105,462,874)	(103,309,482)
Total Expenditure	(69,992,479)	(78,916,393)	(85,127,733)	(99,076,668)	(104,577,718)	(121,545,909)	(126,280,046)	(124,811,668)
Ending Fund Balance (Cash)	**25,669,038**	**7,331,370**	**(65,482)**	**(40,196,488)**	**(86,929,903)**	**(152,037,353)**	**(224,135,511)**	**(297,352,781)**
Target Fund Balance	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Budgetary Carryover Reserves	*(213,086,418)*	*(266,885,029)*	*(288,030,418)*	*(337,876,759)*	*(403,424,501)*	*(501,453,850)*	*(486,394,573)*	*(454,122,934)*
Ending Budgetary Fund Balance [9]	**(187,417,380)**	**(235,121,485)**	**(288,095,900)**	**(378,073,246)**	**(490,354,404)**	**(653,491,203)**	**(710,530,084)**	**(751,475,714)**

Notes:

1 Property tax forecast provided by the Office of Economic and Financial Analysis in March, 2024, less undercollection assumption of 1%.
2 Interest earnings approximated using prior year actuals and increasing by 3% per year.
3 District miscellaneous revenue due to multiple sources such as state forest sales, private timber harvest tax, unrealized investments, leashold excise taxes, and immaterial corrections from prior years.
5 County miscellaneous revenue due to multiple sources such as state forest sales, private timber harvest tax, rent from tenants of acquired real estate, and immaterial corrections from prior years.
6 Costs based on contract established under FCD 2008-07 for District executive services, and inflated at 3% in succeeding years.
7 The capital expenditure is equal to the expenditure rate times the sum of the new capital appropriation and carryover. Rationale for the expenditure rates forecasted for A-E in the capital program is as follows:

A. Based on prior year experience and knowledge of existing staff capacity to implement construction projects implemented by WLR Division. The expenditure rate increases at the end of the six years as new appropriation decreases and carryover projects are completed.
B. Based on prior year experience for acquisitions and home elevations, where expenditure patterns are strongly influenced by factors such as landowner willingness. Rate shown here is similar to the expenditure rate for acquisition-focused funds such as King County's Conservation Futures Trust (CFT).
C. Based on increase from past expenditure rates as city projects move through the engineering design phase toward construction.
D-E. Based on prior year experience with expenditure rates for these capital grant programs, which have a 2-3 year minimum time lag between appropriation and expenditures due to funding allocation decision-making process, execution of agreements for awarded projects, and reimbursement of eligible expenditures during or following implementation by the grant recipient. While the Opportunity Fund does not require time for an allocation process, many jurisdictions choose to accrue funding over multiple years which limits the expenditure rate. Note that a constant expenditure rate results in increased expenditures as unspent allocations are carried over each year.

8 The Unreserved Fund Balance is the remaing balance less reserves described in resolution FCD2016-21.1 adopting a fund balance reserve policy. While the policy provides general guidance on types of reserves, it does
9 The budgetary fund balance assumes 100% expenditure of all budgeted amounts and is used to understand the District's total budgetary commitment.
10 Grant revenue is assumed only for grants that have been awarded or where an award is likely and imminent.
11 Total New Capital Appropriation corresponds to the "Grand Total" shown in each year on Attachment H.

KING COUNTY
FLOOD CONTROL DISTRICT

King County Courthouse
516 Third Avenue
Room 1200
Seattle, WA 98104

Signature Report

FCD Resolution

Proposed No. FCD2024-10.1 **Sponsors**

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).

WHEREAS, the King County Flood Control Zone District's comprehensive plan prioritizes expanded partnerships and collaborations with watershed forums, and

WHEREAS, the King County Flood Control Zone District's comprehensive plan emphasizes the consideration of fish and wildlife habitat when managing flood-risk, and

WHEREAS, the King County Flood Control Zone District ("the District") seeks to protect public safety and promote the recovery of native salmon species, and

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

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

WHEREAS, the King County water and land resources division administers the

20 grant processes, and

21 WHEREAS, in establishing the District's 2024 amended budget, the District

22 provided $11,304,607 in funding for projects and activities in WRIA's 7 (Snoqualmie

23 Watershed portion), 8, 9 and 10 (King County portion);

24 NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF

25 SUPERVISORS OF THE KING 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) - $2,274,837;

29 2. WRIA 8 - $4,517,716;

30 3. WRIA 9 - $4,224,779; and

31 4. WRIA 10 (King County portion) - $575,948.

32 B. The amounts listed in subection A. of this section are in accordance with the

33 projects, grant recipients and individual grant amounts described in Attachment A to this
34 resolution.

KING COUNTY FLOOD CONTROL DISTRICT
KING COUNTY, WASHINGTON

_____

Reagan Dunn, Chair

ATTEST:

_____

Russell Pethel, Clerk of the District

Attachments: A. 2024 Cooperative Watershed Management Grants

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
SNOQUALMIE/SF SKYKOMISH WATERSHEDS IN WRIA 7						
7	**Salmon in Schools and Snoqualmie Watershed Service Learning**	**Sound Salmon Solutions**	The Salmon in Schools (SiS) program is a hands-on education program that engages elementary through high school students in salmon education and recovery. The program brings 150 salmon directly to students, providing them with a unique opportunity to get experience with a species that has significant meaning to our ecosystem, history, and culture. If funded, eight K-12 King County schools will be offered the program. Simultaneously, we aim to further students' connection to our watersheds, salmon, and the tangible actions they as youth can take to improve watershed health within the Snoqualmie Valley by hosting middle and high school students for field trips at our habitat restoration sites and other public spaces with river access.	$11,992	$73,403	**$73,403**
7	**Community Action Training School (CATS) 2025**	**Sound Salmon Solutions**	The Community Action Training School (CATS) program provides participants with the knowledge, skills, confidence, and support to plan and implement on-the-ground projects to improve water quality and support salmon recovery. CATS participants learn from experts through formal presentations, field experiences, and guided discussions while receiving ongoing mentoring from their program facilitators to develop their own community-driven stewardship action projects to improve watershed health. The primary outcome will be minimum 20 individuals with a completed stewardship project (50+ hrs. of volunteer work) that improves watershed health.	$29,189	$34,913	**$34,913**
7	**Farming to Protect Salmon: an educational campaign to inspire public action**	**SnoValley Tilth**	Utilizing a public awareness campaign, we will share the stories of farmers who have implemented salmon friendly farming practices on their farms, with the goal of community members taking action to support salmon because of the campaign. Stories will be shared with the public via a variety of methods: farm tours, traditional media, and social media. Our intended outcomes include: 1. Increased public awareness of the practice's farmers have implemented to protect salmon. 2. Increased interest in purchasing agricultural products from farms who have taken action to protect salmon. 3. The public and local farmers will report an increased interest in implementing salmon friendly practices in their own gardens, homesteads, and farms.	$9,200	$37,554	**$37,554**
7	**Water Quality Monitor Training**	**Orca Conservancy**	Volunteers will be trained to monitor physical, chemical, and biological water quality parameters (temperature, turbidity, dissolved oxygen, pH, hardness, alkalinity, and E. coli), collect and analyze data and report results. They will	$31,051	$35,620	**$35,620**

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
			engage in synchronous monthly water temperature monitoring and asynchronously monitor water quality at least 4 times per year (some sites may be monitored year-round, but others can only be monitored at safe flow levels). Annually, they will monitor macroinvertebrate diversity, riparian habitat condition, and water temperature during extreme heat. We expect to train at least 30 volunteers each year for 3 years. They will be expected to present their results to at least one community group or elected officials.			
7	**2024 Snoqualmie River Juvenile Salmon Outmigration Monitoring***	**Tulalip Tribes**	The project seeks to continue the annual monitoring of juvenile salmon outmigration in the Snoqualmie River Basin utilizing a rotary screw trap located at river mile 12.2 on the Snoqualmie River in 2025. This project is a part of the overall Snohomish Basin juvenile salmon out migration monitoring effort which began in 2001. Project data provides managers with the ongoing status, trends, and abundance monitoring needed to support run forecasting, and is a quintessential indicator of successful salmon recovery monitoring in the Snohomish Basin.	$50,000	$49,000	**$49,000**
7	**Addressing Upper Cherry Creek Data Gaps: Habitat Assessment, Fish Use, & Restoration Opportunities**	**Washington Dept. of Natural Resources**	The WA DNR will assess water quality, habitat, fish use, and opportunities for process-based riparian and instream restoration along 3 miles of upper Cherry Creek. Initial site visits show that much of this reach consists of a single-thread channel disconnected from the floodplain, lacking instream wood, with large infestations of invasive reed canary grass and Himalayan blackberry that are preventing riparian succession. DNR will conduct a habitat assessment to determine the extent of habitat degradation and monitor biotic and abiotic factors. Data collected will fill research gaps, help to evaluate a suite of potential restoration actions, and to identify specific sites for riparian and instream habitat projects at upper Cherry Creek.	$51,400	$75,252	**$75,252**
7	**Weiss Creek Effectiveness Monitoring and Assessment Study**	**Wild Fish Conservancy**	Wild Fish Conservancy (WFC) is requesting funding to conduct an effectiveness study on: 1) the Lower Weiss Cr. Floodplain (LWF) project completed 25 years ago, and 2) a derelict culvert removal project, located on the adjacent property, completed 12 years ago. The LWF project and subsequent derelict culvert removal was designed to restore natural processes and flow path to lower Weiss Cr., a floodplain tributary of the Snoqualmie; however, in recent years this reach is increasingly overtopping its banks. WFC will collect and analyze monitoring data to 1) determine if the desired objectives on ~6,840 ft. of channel are being met and determine if adaptive management is needed to meet our original goals and objectives.	$0	$70,994	**$70,994**

ATTACHMENT A: 2024 COOPERATIVE WATERSHED MANAGEMENT GRANTS

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
7	**2025 Snoqualmie Restoration and Project Assistance Program***	**Snoqualmie Forum Staff**	The 2025 Snoqualmie Restoration and Project Assistance Program is an ongoing effort managed and delivered by the Snoqualmie Watershed Forum staff to maximize success in implementing the 2005 Snohomish River Basin Salmon Conservation Plan (Salmon Plan) in the King County portion of WRIA 7. The program will: 1) assist project implementers in identifying, developing, and advancing high priority habitat projects, water quality improvement, and planning efforts; 2) conduct Forum-led project coordination activities; and 3) support regional watershed management through policy and technical coordination.	$0	$130,000	**$130,000**
7	**Stillwater Floodplain Restoration Design**	**Wild Fish Conservancy**	The Stillwater Floodplain Restoration project is an effort to restore historical natural processes and floodplain structure to the Snoqualmie River within the Stillwater Unit of the Snoqualmie Wildlife Area. The design phase of the project will result in the development of bid ready engineering designs for floodplain restoration on over 240 acres at the site; as well as all permits for the project. The Stillwater Wildlife Unit is located at RM 20 on the Snoqualmie River, downstream of the town of Carnation. This reach of the Snoqualmie is one of the most active chinook salmon spawning sites in the river basin, as it is one of the few reaches of the river accessible to anadromous salmon that has a gravel bed substrate.	$0	$599,149	**$599,149**
7	**Tolt-San Souci Tributary Culvert Removal**	**Snoqualmie Indian Tribe**	The Snoqualmie Tribe is proposing to remove a fish-blocking culvert on an unnamed tributary creek to the Tolt River, in the vicinity of the previously demolished San Souci neighborhood. The creek is known to have year-round use by juvenile Coho fry, as well as a small but consistent spawning run. The culvert in question blocks access to additional rearing habitat, and Coho fry and spawners have been observed just downstream. The approximately 35' culvert passes below an unpaved driveway that once accessed homes on the river, which have been purchased by King County and demolished. We propose to remove the culvert, regrade the banks to a natural slope, and install native vegetation, returning the reach to an open, free-flowing state.	$5,000	$153,211	**$153,211**
7	**Lower Miller River Land Acquisitions**	**King County Water & Land Resources**	This project acquires multiple land interests in South Fork Skykomish watershed on the lower Miller River. Acquiring approximately 55 acres and 2360 feet of shoreline allows the Lower Miller River Floodplain Restoration Project to optimize ecological lift; channel reconnection and shoreline restoration be achieved through land protection and enabling revetment alteration or removal. Restoring hydrologic and habitat forming processes will convey benefits to downstream habitat, beyond the project footprint. This unincorporated area is within the wildland urban interface; adjacent lands are	$40,000	$337,250	**$337,250**

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
			in public, private, corporate & small landownership. The project will secure habitat gains in underinvested area of S. F. Skykomish watershed.			
7	**Oxbow Riparian Shade Enhancement and Restoration Maintenance**	**Oxbow Farms**	Oxbow Farm & Conservation Center is requesting funds to expand and enhance river-shading riparian forest along 1,600 linear feet of mid-mainstem Snoqualmie River by installing 1.1 acres of new plantings and to maintain 16 acres (7500 linear feet) of riparian plantings at the same site, installed between 2004 and 2021. Invasive removal, mowing, and infill planting are needed to avoid re-invasion and to achieve the long-term benefits associated with maturing forests. Novel beaver-deterrent approaches will be tested. Community outreach and engagement efforts, central to the project, will promote community investment in riparian health, demonstrate ways for buffers and farm infrastructure to coexist, and increase the impact of grant funds.	$15,000	$50,360	**$50,360**
7	**Snoqualmie River Riparian Restoration & Stewardship**	**Sound Salmon Solutions**	SSS proposes to conduct riparian stewardship & restoration on 21.35 acres along the mainstem Snoqualmie River. This work will take place at three worksites between RM 7 & 27. Activities will include invasive vegetation control and native plant installation along 10,605 ft of river bank. This will further enhance shade, reduce water temperature, improve soil stability, increase dissolved oxygen levels, and positively impact salmonid populations. SSS will host up to 8 volunteer events & publicly promote the project up to 6 times to increase community education and engagement with riparian restoration efforts.	$1,000	$354,613	**$279,214**
7	**Fall City Floodplain Wetland Enhancement**	**Oxbow Farms**	The proposed project will remove dense Himalayan blackberry and install 7,400 plants to establish species rich native riparian vegetation across 3.3 acres of floodplain fields and wetlands adjacent to the Snoqualmie River at Fall City. This work will improve wetland function, reduce invasive propagule pressure, and further enhance and protect the habitat benefits associated with King County's Fall City Floodplain Restoration Project, a large capital project that reconnected the Snoqualmie River with 145 acres of floodplain. The described work will be leveraged to educate and engage the public through integration of community volunteers and tribal partners.	$10,000	$65,115	**$65,115**
7	**Changing Seasons Farm II & Sinnema Farm: Riparian**	**Stewardship Partners**	Stewardship Partners (SP) proposes riparian habitat restoration and maintenance at Changing Seasons Farm along the mainstem Snoqualmie River and maintenance at Sinnema Farm along the mainstem Snoqualmie River and Ames Creek. At Changing Seasons, 400' of the river will be restored in a 30,00 square foot area (.69 acres). The adjacent area to be maintained is	$21,400	$64,366	**$64,366**

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
	Restoration and Maintenance		300' at 22,500 square (.51 acres). The site for new restoration severely lacks ecosystem complexity and is comprised of primarily Himalayan blackberry. At Sinnema Farm SP will maintain 1,235' (1.7 acres) of the mainstem Snoqualmie River and 950' (1.2 acres) of Ames Creek. Much of the site has been restored but lacks conifers and there are large gaps in the canopy.			
7	**Snoqualmie River Farm Riparian and Floodplain Planting**	**King County Water & Land Resources**	King County proposes restoring 39 acres of mainstem Snoqualmie riparian and floodplain forests by reducing invasive weed pressures and installing native trees and shrubs. King County will partner with Oxbow Farm and Conservation Center on a 3-acre portion of the planting footprint, where a flat and accessible site will provide an opportunity to host a series of volunteer events on this incredible riverfront property. The remaining 36 acres of planting will be coordinated by King County Water and Land Resource Division and will follow weed management conducted by King County Noxious Weeds.	$40,000	$383,000	**$105,120**
7	**KCNWCP Maintenance Weed Control Trial**	**King County Water & Land Resources**	Maintenance weed control is key to restoration planting success but limits capacity to plant new sites. King County Noxious Weed Control Program (KCNWCP) wants to leverage their noxious weed control expertise to increase the efficiency and success of riparian planting projects through improved approaches to post planting riparian weed control on restoration sites. KCNWCP's focus is efficient and effective weed control. For our partners, planting is a key activity, however maintenance weed control limits the number of planting sites they can complete. By managing maintenance weed control for 5 partner projects, this project will develop improved methods for long-term cost-effective site care in the watershed. Invasive Maintenance: Tolt MacDonald Park: up to 14 acres blackberry; Barfuse: up to 15 acres blackberry; 1 acre knotweed; Fall City Natural Area: up to 9.5 acres blackberry; 2 acres knotweed; Szwedko: up to 1.8 acres (tansy ragwort, reed canary grass, & creeping thistle); King County Three Forks: up to 1.4 acres blackberry & successional weeds.	$15,630	$54,316	**$54,316**
7	**Raging River Knotweed Survey & Control Phase 7**	**Mountains to Sound Greenway Trust**	The Raging River Knotweed Survey and Control (Ph 7) project continues a multi-year effort to systematically control invasive knotweed along the Raging River and re-establish native vegetation through the floodplain and riparian corridor. This proposal seeks additional funding to continue and maintain the momentum on controlling this aggressive weed, extend control further into the floodplain, and continue efforts to re-forest the Raging River corridor while educating landowners on the importance of restoring critical salmon habitat. Greenway Trust staff will complete at least 5 gross acres of knotweed	$0	$125,417	**$60,000**

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
			control on these parcels and install at least 2,250 native trees and shrubs in areas previously treated throughout the project area.			
7	**Ames Creek Alluvial Fan - Designs and Permitting**	**Snoqualmie Watershed Improvement District**	Ongoing sedimentation from a tributary to Ames Creek is impacting fish passage, farm drainage, and public roads. An alternatives analysis was conducted to address these sedimentation issues, resulting from alluvial fan processes, and the "Floodplain Deposition Corridor" was identified as the preferred alternative. The corridor would function to partially restore natural alluvial fan processes. Outcomes include a substantial reduction in sedimentation and flood risks, the replacement of three fish barrier culverts with sustainable fish passage, approximately 1-acre of enhanced off-channel aquatic habitat, and a projected 50-year maintenance interval. Grant funds will advance the preferred alternative to final designs and permits	$0	$302,016	**$0**
7	**3rd Avenue - Coe-Clemons Creek Culvert Replacement**	**City of Duvall**	This project will remove and replace the existing 36-inch diameter with a 21 by 72-foot long, 3-sided box culvert along Coe-Clemons Creek under Duvall's 3rd Avenue NE road. This culvert is 0% fish passable as rated by the WA Department of Fish and Wildlife and is the first documented upstream blockage of Coe- Clemons off the Snoqualmie River. The stream will be realigned north of its current location to provide a better slope through the culvert and reduce scouring downstream to improve the overall fish environment in Coe-Clemons Creek. Additionally, the streambed will be restored with woody debris, boulders steps, and other natural materials to improve the fish habitat. This project is anticipated to begin construction in June 2024.	$0	$250,000	**$0**
7	**Harris Cr. Tributary Culvert Replacement Project Phase I**	**Wild Fish Conservancy**	Wild Fish Conservancy (WFC) is requesting funding to develop designs (conceptual, preliminary and final), prepare, and submit permits for the Harris Cr. Tributary culvert replacement project located in Carnation WA. The 3ft high x 4.7 ft span driveway culvert (101LJ-09A) crosses and unnamed fish-bearing tributary which flows into mainstem Harris Cr. ~0.17 mi downstream. Average bank full width at the crossing is 14.9 ft. When completed, replacement of this partial-barrier culvert with a bridge structure will help restore fish passage to 1.65 miles of fish-bearing channel upstream. Coho are documented as present; channel gradient is accessible to chum salmon and pink salmon as well as ESA listed Chinook and steelhead (NWIFC SWIFD,2024).	$0	$180,642	**$0**
			WRIA 7 Subtotals	**$330,862**	**$3,426,191**	**$2,274,837**

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
WRIA 8						
8	**Salmon Bay Shoreline Restoration Design Project**	**Mid Sound Fisheries Enhancement Group**	The Salmon Bay Shoreline Restoration Design Project includes the development of preliminary and final designs for the removal of 60 feet of shoreline armor, regrading of the backshore area to reconnect it with the shoreline, and revegetation of the riparian area across to shoreline properties. Mid Sound Fisheries Enhancement Group will work with the two property owners to develop this project.	$46,000	$99,952	**$99,952**
8	**SE High Point Way Culvert Replacement and Fish Passage Improvement**	**King County, DLS, Road Services Division**	King County will complete a CDR for removal of an undersized culvert that conveys East Fork Issaquah Creek under SE High Point Way, the highest-ranked county-owned barrier for habitat priority. Because of benefits to Chinook, it is a Tier 1 project on the WRIA 8 Four Year Workplan. The project will restore access to at least 5.15 miles of stream (up to the next known barriers).	$554,569	$487,741	**$400,000**
8	**Sammamish - Waynita Creek Restoration**	**City of Bothell**	This project phase will finalize the restoration design and permitting process for 1,500 linear feet of Waynita Creek, 1000 feet of the Sammamish Riverbank, and ~12 surrounding acres. The results will provide the permits and final design plans to proceed with construction with the goal of providing juvenile Chinook and other salmonids with high-quality rearing and refuge habitat.	$243,000	$895,917	**$895,917**
8	**Keep It Simple Restoration Design Project**	**King County Water & Land Resources**	This project will design a habitat restoration project in Bear Creek watershed on the "Keep It Simple" 7.63 acre site. This site was acquired as open space and is part of Middle Bear Creek Natural Area. The goal is to restore habitat forming processes to support critical spawning and rearing Chinook habitat. This phase will complete alternatives analysis, preliminary design, and final design.	$250,000	$285,800	**$285,800**
8	**Cottage Lake Creek Weir Removal Bidding and Construction**	**Mid Sound Fisheries Enhancement Group**	The lowest fish barrier in Cottage Lake Creek, a weir formerly used for irrigation, is currently failing and creating a fish passage barrier. This project would remove the weir and concrete walls just downstream of the weir, regrade the stream channel and banks, place LWD in the channel, and replace existing noxious weeds with native vegetation.	$0	$926,421	**$926,421**
8	**Lakepointe Shoreline Acquisition**	**City of Kenmore**	The City of Kenmore is seeking to acquire a 13.38-acre property that includes 1,125 feet of Lake Washington and 1,900 feet of Sammamish River shoreline (measurements are approximate). The acquisition requires extensive environmental evaluation prior to the purchase which will be funded under	$0	$1,000,000	**$450,000**

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
			this award. Once acquired, the property will be restored with a focus on salmon recovery.			
8	**Fish Passage Improvements on Little Bear Creek at 134th Avenue NE Phase II**	**City of Woodinville**	The City of Woodinville has identified the undersized culvert at 134th Ave NE as a fish passage barrier and is embarking upon a project to replace it and improve salmon habitat, prevent historical flooding, reduce water quality issues, and provide floodplain enhancement. Woodinville received a CWM grant in 2023 to begin design work on this project. The City's consultant determined that a scope expansion was needed to include surveying and mapping, structural engineering design encompassing the evaluation of the railroad trestle for the bridge use, geomorphic assessment, and extensive permitting as required by Federal funding use guidelines.	$23,000	$230,000	**$230,000**
8	**Lake Sammamish UWRP Riparian Stewardship Project**	**Trout Unlimited**	The Lake Sammamish Urban Wildlife Refuge Partnership (UWRP) Riparian Stewardship Project will enhance and maintain riparian areas along stretches of Issaquah and Tibbetts Creeks to improve habitat and water quality for Chinook salmon and other native fish species and will increase public awareness and participation in local salmon recovery efforts by providing stewardship opportunities.	$37,500	$143,599	**$143,599**
8	**LWSC Riparian Restoration at Montlake Cut**	**US Army Corps of Engineers**	USACE Lake Washington Ship Canal (LWSC) is interested in beginning riparian habitat restoration at the Montlake Cut. The original proposal was to restore a specific riparian area but after review, the sponsor will modify the scope to work with WRIA 8 on an expanded inventory and prioritization of all USACE-owned properties in the ship canal, which may result in future phases of riparian restoration.	$4,500	$30,000	**$50,000**
8	**Artificial Light at Night and Consequent Predation Risk for Juvenile Salmon-Phase 4**	**US Geological Survey**	USGS will quantify artificial light at night (ALAN) in the Lake Washington Ship Canal, identify predation hot spots, and gain insight into migrating smolt behavior. This information will extend understanding of ALAN impacts on fish behavior and predation risk during a critical life stage and inform management actions to reduce impacts of ALAN to juvenile salmon survival.	$140,000	$127,777	**$127,777**
8	**Use of ALAN and Diet to Quantify Predation of Juvenile Chinook in WRIA 8**	**US Fish and Wildlife Service**	This study will provide an experimental assessment of relative predation vulnerability based on the presence of ALAN, using a variety of paired lighted and unlighted sampling methods. The sponsor will also build upon previous work of measuring predation impact on Chinook salmon in known and emerging predator hotspots and assess differential impact of predation based on predator size, location, and season.	$407,000	$124,501	**$124,501**

ATTACHMENT A: 2024 COOPERATIVE WATERSHED MANAGEMENT GRANTS

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
8	**Fish Response and Effectiveness Survey of Modified Aquatic Weed Treatment Methods and Lake Mapping**	**Trout Unlimited**	Lake Sammamish's littoral zone is home to non-native aquatic weeds that have direct negative impacts to salmon recovery. This project builds on the knowledge gained during previous efforts to convene a technical workshop, develop and implement control alternatives, and develop an aquatic weed map to inform future management actions and planning efforts.	$15,000	$156,004	**$156,004**
8	**Myxozoan Disease Risk Factors in WRIA8 Salmon and Their Habitat**	**Trout Unlimited**	Myxozoan parasites play a significant role in salmon disease within WRIA8. This proposal will conduct comprehensive monitoring of adult salmon within the basin, identify the C. shasta genotypes, and conduct dive surveys to evaluate habitat in critical areas that we suspect are significant myxozoan infection zones.	$35,120	$199,111	**$199,111**
8	**Mapes Creek Watch: Monitoring Fish Presence and Habitat Use at Lower Mapes Creek**	**Seattle Parks Foundation**	Rainier Beach Link 2 Lake is seeking funds to evaluate Be'er Sheva Park's beach and salmon habitat, targeting Chinook enhancement in Lake Washington. Construction aims for end-2024, focusing on expanding juvenile Chinook spaces for better feeding and growth. Funding will cover fish monitoring post-build, using snorkel and ROV surveys and cameras to assess habitat benefits, comparing results to pre-construction data, and enhanced communication work to convey results to the adjacent community.	$0	$58,709	**$72,937**
8	**2025 Chinook (Fish-In) Monitoring**	**King County Wate and Land Resources**	The proposed 'fish-in 'monitoring involves the collection of escapement data for spawning adult Chinook in the Cedar River. The project is part an ongoing, annual, inter-agency effort to support long-term monitoring of the effectiveness of the WRIA 8 Chinook Salmon Conservation Plan.	$2,160	$27,982	**$27,982**
8	**Community Action Training School 2025-2026**	**Mid Sound Fisheries Enhancement Group**	Community Action Training School is a free, all-ages program that guides participants through a robust series of 7 classes and 4 field experiences focusing on scientific, social, cultural, and political issues important to watershed health and salmon recovery. Participants will design and complete a 50+ hour stewardship action project that helps make a difference for salmon in the watershed. Funding will support two years of this key program.	$0	$94,722	**$94,722**
8	**Salmon Heroes: Improving Stewardship Behaviors Through**	**Environmental Science Center**	Salmon Heroes is a multi-part program for WRIA 8 students and their teachers in 4th-8th grade reaching 40 classes (approximately 1,000 students). Using salmon as a local phenomenon to center the program, Salmon Heroes increases knowledge of local salmon habitat needs, challenges to their	$117,000	$20,000	**$20,000**

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
	Science-based Field Studies		survival, and actions they can take to help keep our waters healthy for salmon and humans alike.			
8	**Friends of North Creek Forest Education Program 2024-2025**	**Friends of North Creek Forest**	Friends of North Creek Forest focuses on preserving and enhancing North Creek Forest (NCF) through environmental education, stewardship, and conservation in perpetuity. NCF, a mature forest with streams that connect to North Creek, home to threatened salmon. The goals are accomplished through community outreach, educational opportunities, summer camps, and work with local partners.	$15,000	$41,500	**$41,500**
8	**Greenway Education Program - Forests and Fins**	**Mountains to Sound Greenway Trust**	Forests and Fins is a 4th-12th grade curriculum that builds support and promotes behavior changes critical to long-term salmon recovery efforts in WRIA 8. Three hundred students will use Issaquah Creek as an outdoor classroom to evaluate the health of a salmon creek and do riparian restoration that contributes to larger, ongoing efforts.	$3,500	$35,186	**$35,186**
8	**Inclusive Salmon Restoration Guided Experiences and Interpretive Signage**	**Whale Scout**	Whale Scout will lead 30 guided walks and produce 20 interpretive panels in partnership with the City of Bothell at the former Wayne Golf Course and on a property along Bear Creek. The goal of this project is to increase awareness of and support for salmon recovery efforts and projects among diverse audiences where restoration projects are currently underway.	$7,477	$25,078	**$25,078**
8	**Beach Naturalist Program**	**Seattle Aquarium**	The Beach Naturalist program is an education program that engages beach visitors in learning about the nearshore, the animals that live there and the conservation actions we can all take on behalf of salmon and watershed health. Through its programs, Beach Naturalist "builds awareness and fosters public support" for salmon recovery and helps advance the goals of the WRIA 8 Salmon Recovery Plan.	$83,370	$13,200	**$13,200**
8	**Cedar River Salmon Journey**	**Seattle Aquarium**	The Cedar River Salmon Journey provides multiple opportunities for people who live, work and play in WRIA 8 to learn about salmon – along the Cedar River, at the Ballard Locks, at community events and through social media – and inspire them to take action. Through its programs, CRSJ "builds awareness and fosters public support" for salmon recovery.	$94,470	$38,500	**$38,500**
8	**Lake Sammamish STREAM Connections Program Continuation**	**Trout Unlimited**	The Lake Sammamish STREAM Connections Program deepens community engagement in watershed exploration and stewardship. This next phase expands educational outreach and conservation activities, emphasizes the ecological and cultural importance of salmon, fosters a profound connection between community members and the Lake Sammamish watershed, and encourages active participation in salmon recovery.	$4,600	$59,529	**$59,529**

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
			WRIA 8 Subtotals	**$2,060,266**	**$4,891,229**	**$4,517,716**
WRIA 9						
9	**Auburn Narrows Restoration - Construction**	**King County Water & Land Resources**	The Auburn Narrows Restoration Project will include the following elements: 1. Remaining impediments to channel migration and floodplain habitat-forming processes will be removed to increase off-channel and channel margin habitat suitable for salmonid rearing and refuge habitat. 2. In-river and floodplain structure will be augmented by placing large wood, which will encourage riverine/floodplain engagement. 3. Terrestrial areas, which lack sufficient native vegetation will be revegetated and possibly augmented with imported downed wood, snags, or slash piles. 4. Remaining infrastructure within the floodplain will be removed, including the remaining groundwater well and power lines/poles.	$300,000	$350,000	**$1,017,502**
9	**Big Beach Armor Demo and Removal**	**King County Water & Land Resources**	Due to the urgent need to remove the structures from the properties, this project will take place in two phases. The demolition of the structures will happen as fast as possible. If the demolition isn't complete by the time CWM funds become available, CWM project will remove the 7 buildings from three parcels. If King County has to use other funding for the demo to secure the site swiftly, the CWM funding will be directed toward the bulkhead removal design, engineering and permitting portion of the construction project. The armoring removal, stream daylighting, or acquisition metrics included in this proposal are there to give the reviewer a vision of the larger project. Removing these buildings is an essential step toward restoring about 400ft of shoreline armoring and replanting 2.5 acres of marine nearshore.	$2,891,000	$350,000	**$350,000**

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WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
9	**Boeing Rock Recreation/ Habitat Enhancement**	**City of Kent, Public Works**	Complete the 65% design for restoring Chinook salmon habitat along 0.8 miles of the Lower Green River (RM 17). A previous levee setback in the project area provides an opportunity for implementing a variety of habitat enhancements (e.g., large wood, alcoves, and riparian revegetation) and recreational improvements within approximately 15 acres of passive park land waterward of the levee. The overall project goal is to restore floodplain function, improve edge habitat complexity, and expand available low velocity water and juvenile rearing habitat along with establishment of gravel trails, landscape improvements, nature play areas, and viewing locations through this reach of the heavily developed Lower Green River corridor. Expanded rearing habitat within the Lower Green will support increased juvenile Chinook salmon residence times, which will allow for a high proportion of larger size parr migrants prior to entry into the Duwamish estuary. In addition, the project seeks to control invasive riparian vegetation and revegetate the riparian buffer to address elevated instream temperatures that regularly exceed water quality standards during summer low flows.	$0	$627,690	**$627,690**
9	**Lower Russell Habitat Area A**	**City of Kent, Public Works**	Complete the final design; continue stakeholder coordination; and apply for required permits to construct Habitat Area A, formerly a part of the larger Lower Russell Levee Setback project on the lower Green River near Van Doren's Landing Park. The preliminary design will include the construction of approximately 5.7 ac of off-channel habitat achieved by grading and reshaping the riverbank, installing large wood, and planting native vegetation. The project is expected to provide near-term rearing and refuge habitat for juvenile salmon, assist in flood storage and reduce flood risk, increase floodplain habitat connectivity, maintain or increase species diversity, enhance the wildlife functionality of wetlands through native plantings and woody debris placement, and increase native cover of both wetland emergent and woody species.	$0	$628,637	**$628,637**

ATTACHMENT A: 2024 COOPERATIVE WATERSHED MANAGEMENT GRANTS

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
9	**Midway Creek Culvert Removal Conceptual Design**	**Mid Sound Fisheries Enhancement Group**	Explore options for removing a derelict 43" corrugated steel culvert on Midway Creek. The abandoned culvert is a fish passage barrier, blocking access to ~800' of stream and one of the largest and highest quality floodplain wetlands (~12 acres) in the Lower Green River basin. Removing the culvert would open off-channel rearing and flood refuge habitat for juvenile Chinook and other salmonids in a wetland and stream that are protected by Seattle Public Utilities ownership. A feasibility study will explore how to remove the culvert while protecting the stream from contamination from a nearby leachate pond, protecting Seattle Public Utilities Solid Waste infrastructure, maintaining the integrity of the active upstream beaver dam, and navigating the slope/water drop from the culvert. The project will produce two conceptual design alternatives and preliminary cost estimates.	$5,000	$109,795	**$109,795**
9	**NE Auburn Creek Restoration - Construction**	**King County Water & Land Resources**	Increase connectivity to 23,000 feet of existing floodplain tributary channel that is currently inaccessible due to a perched flapgate/culvert. The flapgate will be replaced with a fish friendly flapgate that allows for the creation of a 600+ linear foot tributary channel between the new fish-passable flapgate and the confluence of NE Auburn Creek with the Green River. Juvenile salmon will also be given access and refuge to a perched 2-acre depressional wetland through a fish egress channel that will reconnect it to NE Auburn Creek. This project will also restore a 150-foot wide riparian buffer along 1,500 feet of the left bank of the Green River. This portion of the river is identified by the Muckleshoot Tribe as having a critical need for riparian shade.	$4,100,000	$2,000,000	**$271,363**
9	**Wingfield Little Soos Creek**	**Mid Sound Fisheries Enhancement Group**	Little Soos Creek runs through the City of Covington's Wingfield Open Space, where it historically has been armored, disconnected from its floodplain, and regularly floods the adjacent trail in winter. This grant will complete final design to reconnect the stream to its historic floodplain, remove artificial armoring, add stream complexity and large wood, and improve biodiversity and native plant buffers. The project will improve over nine acres of critical habitat for salmonids and other native species.	$10,000	$224,317	**$224,317**
9	**WRIA 9 Project Implementation 2025**	**King County Water & Land Resources**	Funding will support implementation of the updated 2021 WRIA 9 Salmon Habitat Plan, including -development of project funding strategies, technical support for project development and grants applications, -solicitation of new projects and project sponsors, and implementation of vital monitoring and adaptive management projects. This programmatic grant supports the capacity, resources, and tools vital for successful capital program implementation.	$100,000	$150,000	**$150,000**

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WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
9	**Green River Screw Trap 2025**	**Washington Department of Fish and Wildlife**	Operate a smolt trap capturing downstream migrating juvenile salmon, an ongoing monitoring project that has provided essential abundance, productivity, and life history diversity data on salmonids, including ESA-listed Chinook salmon and steelhead trout, in the Green River since 2000.	$75,126	$45,000	**$45,000**
9	**Juvenile Chinook Use of Non-natal Tributaries in the Middle Green**	**King County Water & Land Resources**	Investigate middle Green non-natal tributaries to assess their use by juvenile Chinook for rearing/flood refuge habitat. Quantify tributary conditions regarding temperature and flow to assess the occurrence of water temperatures that exceed state standards for salmonids. Non-natal tributary use by juvenile Chinook will be assessed using backpack electrofishing. 12 streams will be selected to represent the spatial extent of the middle Green, including those with potential impairments, as well as select streams on the south bank that are representative of reference conditions. The purpose of this work is to: 1) Quantify use of non-natal tributaries by juvenile Chinook in the middle Green, 2) Identify and prioritize locations for habitat restoration/enhancement that will have the greatest impact to salmon recovery, and 3) Quantify flow and stream temperatures to help prioritize riparian planting projects.	$0	$89,525	**$126,825**
9	**Quantifying Juvenile Chinook Salmon Use of Non-natal Streams Along the WRIA 9 Puget Sound Shoreline**	**King County Water & Land Resources**	Quantify juvenile Chinook salmon use of non-natal streams along the WRIA 9 Puget Sound shoreline and relate juvenile Chinook occupancy in these habitats to landscape- and site-scale variables. Juvenile Chinook have been observed to pass through their natal estuary, enter the marine environment, then temporarily return to freshwater or estuarine habitats by rearing in small streams or estuaries along the Puget Sound shoreline. These streams do not support Chinook spawning, therefore any juvenile Chinook found in these systems originated from elsewhere. Because the Green-Duwamish watershed has lost much of its natural estuary habitat, small non-natal streams along the WRIA 9 shoreline may be important rearing habitats for juvenile Chinook after leaving the Duwamish waterway. To quantify the extent of non-natal stream rearing by juvenile Chinook salmon along the Puget Sound shoreline and to explain variation in Chinook occupancy in these habitats, we will identify and collect habitat data for 15 non-natal streams along the WRIA 9 shoreline, including Vashon Island, in fall 2024. We will then electrofish each of these streams during spring 2025 to estimate juvenile Chinook occupancy, and will relate Chinook occupancy to both landscape and site-scale habitat variables.	$10,000	$146,396	**$200,642**

ATTACHMENT A: 2024 COOPERATIVE WATERSHED MANAGEMENT GRANTS

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
9	**WRIA 9 Marine Shoreline Monitoring and Compliance Project Phase 5**	**King County Water & Land Resources**	Conduct boat-based surveys of the 92 miles of WRIA 9's marine shoreline in the summer of 2025 to evaluate changes in marine shoreline condition (e.g. armor, vegetation, overwater structures, etc.). This phase will build on and repeat the four previous shoreline assessments. The project is intended to produce trend data for WRIA 9 and King County Clean Water Healthy Habitats, as well as evaluate if the Shorefriendly King County collaborative program between the King Conservation District, Mid-Sound Fisheries Enhancement Group, WRIA 9, and King County is improving compliance rates.	$0	$50,011	**$50,011**
9	**Berrydale Tree Farm Forest Salmon Restoration Project #1**	**Orca Conservancy**	Prepare the restoration site for shade-producing native plants which in turn will better ensure salmon habitat within the riparian zone of the Big Soos Creek location by further increasing insect production, encouraging beaver dam analogs and eventually, if needed, providing in-stream wood which will improve rearing opportunities for salmon success. During scheduled volunteer events at the proposed site, verbal education and community outreach will be conducted regarding the importance of salmon, the Southern Resident killer whale population, cultural significance, environment/ ecosystem, and how it's all intertwined. Educational materials to further assist with invasive and native plant identification, ongoing stewardship of the environment, inclusivity, and social justice will be provided.	$3,000	$33,044	**$41,305**
9	**Live Staking Green and Duwamish River**	**Green River Coalition**	Using watercraft for shore access, a series of river trips will be made in transporting live-stake willows/dogwoods/spirea to access difficult slopes on the main stem of the Lower Green River and Duwamish River. Commercially purchased stakes and some harvested stakes will be transported and planted in dense configurations with the purpose of improving habitat, binding exposed soils, and supplanting invasive growth. Other benefits in the long term include overall increasing water body shade and armoring soft-slopes.	$0	$64,694	**$64,694**

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WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
9	**Lower Green Riparian Restoration at Fort Dent & 57th Avenue Mini Park**	**Green River Coalition**	Fort Dent restoration site will have 1.44 acres of restoration completed and new expansion zones of 1.5 acres will connect King County restoration site (CWM-2021) and future King County revetment repair work at river mile 11.2. Riparian area will be enhanced with weed removal and plantings. These sites will receive a rich layer of sheet mulch and mixed conifer/deciduous tree plantings on a former lawn area, trail side as appropriate, and along the riparian corridor. Additional areas will be expanded near the pedestrian bridge near the Black River confluence. 57th Avenue Mini Park restoration will occur on a riverbank by clearing and grubbing 140'lf from the southwest corner. Restoration will address the exposed heavily-used riverbanks with mulch applications, willow and aquatic grass plantings. This Mini park will also have mulching and enhancement of a mid-canopy collection of pines and spruces where shoreline gaps can be filled.	$125,000	$47,146	**$47,146**
9	**Lower Green River Riparian Revegetation Phase VI: Maintenance**	**Green River Coalition**	This work will focus on Lower Green River main stem sites from Phases 4 and 5 (rm 8-14): maintenance of installed sites with a focus on Bicentennial Park, Riverbend N, Minkler and the Prologis site at 48th Avenue S. (2.75 acres). Maintenance will be done by professionals and Paid Job Training crews. Each site is part of a phased approach; invasive conditions vary at each site, so Phase VI continues to advance unattained goals of Phase V based on the density of weed inputs, invasive plants, beaver herbivory & unforeseen access issues such as camping. Work by professional and trainee crews will remove invasive plants and replace plant losses with native four-season shade trees and a diverse riparian tree and shrub layer.	$125,000	$39,983	**$39,983**
9	**Three Friends Fishing Hole Park Riparian Maintenance**	**City of Kent, Public Works**	Provide maintenance for a one-acre area covering 650 linear feet of riparian area along the mainstem Green River at Three Friends Fishing Hole Park in Kent, WA (RM 17). This work would remove understory/edge invasives that decrease habitat value, threaten establishment of healthy canopy trees, and/or are listed King County Noxious Weeds. Also host volunteer events on site to plant native understory and herbaceous plants, and interplant trees if existing stem density warrants. Grant funds will be exclusively used for invasives removal, vegetation management, planting, and plant establishment maintenance.	$0	$18,630	**$18,630**

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WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
9	**Beach Naturalist Program**	**Seattle Aquarium**	The Beach Naturalist program engages WRIA 9 audiences in free, drop-in, hands-on learning designed to instill a sense of place, foster appreciation of our beaches and the natural and human communities that these vital habitats support and encourage conservation actions that benefit salmon and watershed health. With 250 active volunteers and 25 staff engaged on 11 King County beaches (eight in WRIA 9) for 20+ low tide days, the Beach Naturalist program will make 60,000+ contacts with beach audiences each year. We will continue to collaborate with the Aquarium's Connections Team to provide opportunities for community partners to join us at the beach with additional support and resources. Through multiple opportunities for engagement with the Beach Naturalist program, WRIA 9 audiences will learn about the intertidal world, the salmon that use the nearshore, the forage fish on which they depend, and actions to improve water quality, protect and restore habitat and support salmon recovery.	$107,728	$37,500	**$37,500**
9	**BeachNET: Engaging Communities for a Healthy Puget Sound**	**Vashon Nature Center**	Continue to strengthen and deepen community science and education programs on Vashon Island. BeachNET (Beach Nearshore Ecology Team) engages more than 150 adults and families on Vashon Island in helping to monitor shoreline restoration projects, salmon and trout use, and natural kelp bed ecology and extent along the shores of Vashon Island. We have well established hands-on science units in all three public schools where we take students out into the field to learn about marine biology, watershed health, and salmon. We have also started to work with Maury Island Aquatic Reserve and off island partners to bring youth from more urban parts of King County to the island to do community science and learn about healthy beaches and watersheds for salmon. New funding will expand on existing programs, include more information on climate change, and offer career-based learning opportunities in a summer internship program.	$21,000	$32,000	**$32,000**

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WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
9	**Delridge Greenspace Restoration and Education**	**Delridge Neighborhoods Development Association**	DNDA has been leading 3rd - 5th grade students in environmental education lessons at the Delridge Wetland Park since 2016. In November of 2023, DNDA completed our seven-year long project of restoring the wetland and constructing an outdoor classroom. The site serves as an example of community effort in restoration and provides the opportunity for students and others in our neighborhood to engage in systems-based learning that fosters a stronger connection to our urban wetlands and creeks. DNDA will develop age-appropriate curriculum on topics such as watersheds (what they are and how they work), ecosystem functions, local flora and fauna, and the impacts of stormwater on delicate ecosystems. DNDA will also continue to lead volunteer events for the public that feature environmental education and horticultural demonstrations.DNDA also plans to once again lead an Environmental Justice Summer Youth Program that serves youth from underrepresented communities by creating paid internships for high school-aged youth from Delridge's High Point community,	$79,900	$29,998	**$29,998**
9	**Environmental Heroes: Improving Watershed Health and Salmon Habitat Through Education and Outreach**	**Environmental Science Center**	ESC's in-school field study programs – Salmon Heroes and Beach Heroes – will reach over 3,200 youth annually in grades K-8 with multi-part lessons designed to get students outside at a spawning salmon stream or a low-tide beach. A related annual teacher workshop series for 20-25 teachers will help enhance teacher participation in the Salmon Heroes program, increase their comfort in taking students outdoors, and assist with their student-led environmental action projects on school campuses. These school-based programs are designed to help connect students with their local salmon stream or nearshore habitat to develop a sense of place, understand key habitat features of each, and promote stewardship actions students can take to help protect and restore these habitats.	$112,500	$50,000	**$50,000**
9	**Green Duwamish Student Stewards**	**Mid Sound Fisheries Enhancement Group**	Engage South King County middle and high school students and teachers in hands-on education and habitat restoration. GDSS invites students to investigate their watershed through a series of activities that foster understanding of ecosystem health, complex and competing land use practices, habitat restoration at multiple scales, and the impact of their stewardship. The program grows a network of schools that are adopting places in their local watersheds and advocating for change in their communities. GDSS participants are empowered to become actors and influencers in their friend and family groups, inspiring others to join them in the work needed to heal local watersheds. This project will expand GDSS to 3 additional South King County schools.	$36,135	$50,100	**$23,549**

ATTACHMENT A: 2024 COOPERATIVE WATERSHED MANAGEMENT GRANTS

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
9	**Youth Engaged in Sustainable Systems (YESS-Highline)**	**Mountains to Sound Greenway Trust**	This is a career-connected internship program run in partnership with Highline School District and Pacific Education Institute. YESS-Highline fulfills a key component of the WRIA 9 Salmon Habitat Plan by engaging watershed-local students in education, job training, and salmon-friendly stewardship. Over six summer weeks, YESS-Highline equips up to 16 teens with the knowledge and skills they need to pursue green careers while earning a stipend and school credit. Through a combination of classroom- and field-based days, they meet conservation professionals, perform ecological restoration, discuss equity and social justice, and experience designing a project proposal. The students are mostly 15-18-year old youth of color who represent diverse and under-resourced communities. We center equitable hiring practices to help ensure that we serve teens farthest from justice, including those who may not otherwise have access to green jobs due to historic inequities.	$2,000	$18,698	**$18,698**
9	**Youth Watershed Education, Stewardship, and Community Science**	**Nature Vision**	Up to 150 students from low-income and diverse schools within the Green/Duwamish Watershed will participate in Nature Vision's educational programming, including restoration field trips and community science projects. Six classes of 3rd-12th grade students will become "Blue Teams" by completing an education-based action project and participating in data collection that aims to improve salmon habitat and water quality. An additional 250 students from 10 classes will participate in identical programming within the Green/Duwamish River Watershed with other matching funds. Nature Vision works with each class to create engaging curriculum adapted to their grade level, interest, and learning standards. Our program connects salmon conservation to basic hydrology, watershed science, water quality, and riparian ecosystem biodiversity.	$76,461	$19,494	**$19,494**

ATTACHMENT A: 2024 COOPERATIVE WATERSHED MANAGEMENT GRANTS

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
9	**Cultivating Habitat in South Park - Using and spreading knowledge on BMPs compatible with salmon recovery**	**Tilth Alliance**	Tilth Alliance and Cultivate South Park (CSP) teamed up this fall to provide a soil health and waste management training for Latinx volunteers through the Tilth Alliance managed SPU Master Composter Sustainability Steward program. The training was offered to residents of South Park, in Spanish, with the goal of residents providing outreach in their neighborhood on these topics. In 2024 we propose further training, in Spanish, using a hands on application based program at a residence used by the CSP food distribution program which sits at the edge of the Duwamish River in a very industrial section of South Park. We also propose to include Garden Hotline programming, an SPU, Hazardous Waste sponsored program, and our goal is to teach land use Best Management Practices compatible with salmon recovery on site through a series of workshops and installations on the property. We intend to supplement our project by building a series of demonstration garden components and promote them throughout the South Park community as BMPs for residents to replicate in their community.	$0	$88,576	**$0**
9	**Clean Water for Communities - assessing high priority restoration and opportunities in the Duwamish watershed.**	**Salmon-Safe**	Strategically assess critical restoration opportunities within the Duwamish Watershed, informing future restoration actions to help restore water quality and habitat in this highly degraded and contaminated watershed. The project will guide the selection of riparian sites for RainCity Partnerships, a groundbreaking green stormwater infrastructure (GSI) program placing community and environmental priorities at the forefront. Leveraging longtime work and relationships in the lower Duwamish, Salmon-Safe will collaborate with leading technical and outreach partners to evaluate multiple potential restoration sites chosen in collaboration with the Duwamish community to reduce polluted runoff to Puget Sound. The project will manifest as an inventory and targeted riparian restoration plan focusing on clean water strategies for salmon in the lower Duwamish Watershed on privately owned land. The plan study will develop a toolbox of overall habitat and water quality strategies that could be implemented for riparian restoration on the lower Duwamish and then replicated in other high-priority subbasins.	$0	$150,000	**$0**

ATTACHMENT A: 2024 COOPERATIVE WATERSHED MANAGEMENT GRANTS

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
9	**Green Stormwater Infrastructure for Affordable Housing**	**Seattle 2030 District**	Engage low-income housing owners, managers, and tenants around Green Stormwater Infrastructure at affordable multi-family housing facilities. The District will perform outreach and education events with low-income housing owners and tenants about the importance of ecological protection and pollution mitigation for Chinook and other anadromous population recovery. We will also host listening sessions to understand and document the barriers for onsite GSI uptake as a pollution reduction strategy for salmon recovery. The Lower Green and Duwamish Sub-watersheds are home to dozens of affordable housing sites in King County, as well as harmful pollutants such as PCBs and 6PPD, two pollutants known to cause growth and immune deficiencies in Chinook salmon. By utilizing these facilities for stormwater management, we can improve the pollution from stormwater runoff, and build community leadership and education around salmon recovery.	$0	$15,000	**$0**
9	**Soos Creek Basin Expansion**	**Green River Coalition**	Expand work to proposed restoration sites and acreage within the Soos Creek Basin. Identify key sites for critical salmon habitat restoration with focus on acreage per site for restoration. Continue to collaborate with partners such as Orca Conservancy and Unleash the Brilliance to provide on the ground restoration work and continued training to our volunteers and landowners. Focus on impacting critical portions of the sun map, specifically to support out migrating Chinook, Steelhead, and other salmonids.	$0	$52,500	**$0**
9	**Duwamish River Hill and Riverbend Site Restoration**	**EarthCorps**	EarthCorps has been collaborating with the City of Tukwila on continued riparian restoration along the Duwamish River. This project will focus on initial restoration efforts on two new properties owned by the City of Tukwila, both on Duwamish River Mile 7: 1) "116th St. Parcel" or “Riverbend” and 2) “Duwamish River Hill” on the opposing bank of River Mile 7. Both sites present an opportunity for high-quality salmon habitat restoration in that the existing understory is almost 100% Himalayan blackberry and ivy. Work on these two sites will add to the extensive work EarthCorps crews have already conducted along this section of the river, some of which has been funded through the Green Grant opportunity. Restoration activities will include vegetation management following Best Management Practices, such as manual, mechanical and chemical control as part of an IPM plan, and native plant installation.	$0	$145,000	**$0**

ATTACHMENT A: 2024 COOPERATIVE WATERSHED MANAGEMENT GRANTS

WRIA	Project Name	Project Sponsor	Project Description	Secured Leveraged Funds	Funding Requested	Funding Recommended by WRIA
9	**Juvenile salmon invertebrate prey production in restored shorelines of the Duwamish**	**University of Washington, Office of Sponsored Programs**	Measure the effectiveness of restoration project performance in the Duwamish River estuary, specifically addressing to what extent juvenile salmon invertebrate prey are produced in areas of off-channel shallow water habitat creation and on-channel revegetated shorelines. We will survey at restored areas in two clusters of the Duwamish, upriver and downriver, to connect restoration outcomes across the estuary. We will focus our sampling during months where vegetation growth and juvenile salmon outmigration most overlap, during March 2025 (Chinook fry outmigration) and June 2025 (Chinook smolt outmigration). Sampling will focus on terrestrial insects in vegetated shorelines and benthic invertebrates in mudflats. We will specifically collect additional representative invertebrates that are most important as juvenile salmon prey to provide correlations to caloric content and energy densities of prey, with implications for juvenile salmon growth.	$0	$136,889	**$0**
			WRIA 9 Subtotals	**$8,179,850**	**$5,800,623**	**$4,224,779**
WRIA 10						
10	**White River Juvenile Assessment**	**Puyallup Tribe of Indians**	Monitor the outmigration of juvenile salmon, during late winter and spring of 2026, on the White River to estimate abundance, run timing and other biological characteristics of ESA listed salmon species (Chinook and Steelhead).	$0	$280,081	**$280,081**
10	**Greenwater River Restoration RM 4.5 to 5.0**	**South Puget Sound Salmon Enhancement Group**	This project builds upon previously funded work (Greenwater River Restoration RM 3.8 to 4.8) to expand the project footprint upstream to river mile 5.0 to remove additional mainstem and spur roads and three culverts that are occupying and limiting active floodplain channels and migration zones.	$1,678,956	$295,867	**$295,867**
			WRIA 10 Subtotals	**$1,678,956**	**$575,948**	**$575,948**
			ALL CWM TOTALS	**$12,249,934**	**$14,693,991**	**$11,593,280**

KING COUNTY FLOOD CONTROL DISTRICT

Staff Report

Agenda Item:	8	**Name:**	Michelle Clark
Proposed No.:	FCD2024-10	**Date:**	July 9, 2024

Proposed Resolution FCD 2024-10: 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).

The Water Resource Inventory Areas ("WRIA") grant program is in its twelfth year. The Flood Control District's 2023 budget allocated $11,304,607 in new funding for projects and activities in WRIAs 7 (Snoqualmie Watershed portion), 8, 9, and 10 (King County portion).

The WRIA staff and committee members reviewed the projects for eligibility and visited project sites for a technical review. Based on the allocation percentage established in FCD2013-13 and any returned or unused allocations from previous years, each WRIA voted on and then submitted its proposal for projects to receive funding for water quality and water resource and habitat restoration projects and activities as follows:

1. WRIA 7 (Snoqualmie Watershed portion): $2,274,837;
2. WRIA 8: $4,517,716;
3. WRIA 9: $4,224,779; and
4. WRIA 10 (King County portion): $575,948.

WRIA 7 received 21 applications totaling $3,426,191, $1,151,354 over its 2024 allocation and is recommending 15 projects for full funding, 3 projects for partial funding and denial of 3 applications. WRIA 8 received 26 applications totaling $4,891,229, $373,513 over its 2024 allocation and is recommending 2 projects receive more than the amount requested in the application, 19 projects for full funding, 2 projects for partial funding, and denial of 3 applications. WRIA 9 received 30 applications totaling $5,800,623, $1,575,844 over its 2024 allocation and is recommending 4 projects receive more than the amount requested in the application, 18 projects for full funding, 2 projects for partial funding, and denial 6 applications. WRIA 10 received 2 applications totaling its full allocation of $575,948 and is recommending full funding for both projects.

Adoption of this proposed resolution does not change the 2024 budget; it details which grant applicants will receive the already allocated grant funding.

Attachments
FCD 2024-10
Transmittal letters from WRIAs 7, 8, 9, and 10

SNOQUALMIE WATERSHED FORUM

Working together for salmon recovery and watershed health.

Carnation

Duvall

King County

North Bend

Skykomish

Snoqualmie

Snoqualmie Tribe

Tulalip Tribes

May 28, 2024

Supervisor Reagan Dunn, Chair
King County Flood Control District
516 3rd Avenue, Room 1200
Seattle, WA 98104

RE: Snoqualmie Watershed Forum Funding Recommendations for 2024 Cooperative Watershed Management Grants

Dear Chair Dunn,

On behalf of the Snoqualmie Watershed Forum (Forum), we would like to express our gratitude to the King County Flood Control District (FCD) for supporting important regional salmon recovery work. The Forum is a partnership of elected officials, citizens and representatives from conservation organizations supporting salmon recovery and ecological health in the Snoqualmie and South Fork Skykomish Watersheds (spanning the King County portion of Water Resource Inventory Area 7). Member governments include King County, the Snoqualmie Tribe, Tulalip Tribes, the cities of Duvall, Carnation, North Bend and Snoqualmie, and the Town of Skykomish.

We would like to present the attached Forum funding recommendations for the 2024 Cooperative Watershed Management (CWM) Grant Program funded through the FCD. The projects and programs on the list have been vetted according to King County's CWM Grant Program rules and procedures. The recommended projects and programs have also been thoroughly reviewed and prioritized by the Forum's local Project Review Committee and were approved by the Forum on May 15, 2024.

Through the 2024 CWM Grant Program, the Forum received $2,274,837 (including $47,185 in return funds), to allocate to high-priority salmon recovery projects and programs. In this grant round, we received 21 final proposals for a total request of over $3.4 million, resulting in a $1.2M funding shortfall.

We recommend funding 18 of the 21 proposals received this grant round. These grant funds help implement critical salmon recovery priorities called for in the Snohomish River Basin Salmon Conservation Plan, including habitat restoration projects, watershed education and sustaining critical capital project coordination activities. Many of our high priority salmon restoration projects provide multiple benefits, including flood hazard risk reduction, water quality improvements and landowner stewardship.

As you know, our efforts in WRIA 7 are part of the overall regional effort to recover threatened Puget Sound Chinook salmon as well as other salmonids, and we have been engaged with our partners in that effort for over 25 years. These CWM funds are a crucial component of our habitat acquisition and restoration funding that allows us to move important salmon recovery projects forward.

Thank you for your consideration of this recommendation. If you have any questions, please contact Erin Ryan-Peñuela, Snoqualmie Watershed Forum Project Coordinator, at (206) 707-1354.

Sincerely,

Henry Sladek – Forum Chair
Town of Skykomish Mayor

Ryan Miller - Forum Vice-Chair
Tulalip Tribes Treaty Rights Office

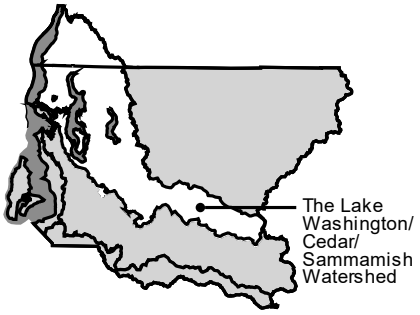
Cc: Michelle Clark, Executive Director, King County Flood Control District
Josh Baldi, Director, King County Water and Land Resources Division
Kim Harper, King County, Grant Program Administrator
Elissa Ostergaard, Snoqualmie Salmon Recovery Manager

Attachments

Beaux Arts Village
Bellevue
Bothell
Clyde Hill
Edmonds
Everett
Hunts Point
Issaquah
Kenmore
Kent
King County
Kirkland
Lake Forest Park
Maple Valley
Medina
Mercer Island
Mill Creek
Mountlake Terrace
Mukilteo
Newcastle
Redmond
Renton
Sammamish
Seattle
Shoreline
Snohomish County
Woodinville
Woodway
Yarrow Point

Alderwood Water and Wastewater District
The Boeing Company
Cedar River Council
Forterra
Friends of the Issaquah Salmon Hatchery
Mid-Sound Fisheries Enhancement Group
Mountains to Sound Greenway Trust
National Oceanic and Atmospheric Administration
Sno-King Watershed Council
Trout Unlimited
US Army Corps of Engineers
Washington Departments:
Ecology
Fish and Wildlife
Natural Resources
Washington Association of Sewer and Water Districts
Washington Policy Center
Water Tenders

May 23, 2024



Supervisor Reagan Dunn, Chair
King County Flood Control District
516 3rd Avenue, Room 1200
Seattle, WA 98104

RE: WRIA 8 Salmon Recovery Council Funding Recommendations for 2024 Cooperative Watershed Management Grants

Dear Chair Dunn:

On behalf of the Lake Washington/Cedar/Sammamish Watershed (WRIA 8) Salmon Recovery Council, thank you to the King County Flood Control District for supporting important salmon recovery work through the Cooperative Watershed Management (CWM) Grant Program. The WRIA 8 partnership is comprised of 29 local governments, businesses, community groups, and state and federal agencies who have been working since 2000 to recover Chinook salmon and improve the health of our watershed.

Please find attached the WRIA 8 Salmon Recovery Council's approved funding recommendations for the 2024 CWM Grant Program. We recommend awards for 23 salmon recovery projects and programs, obligating the entire amount available to us in 2024 – $4,517,716. All proposals are consistent with CWM program rules and procedures and were evaluated and prioritized by the WRIA 8 Project Subcommittee, and funding recommendations were approved by the WRIA 8 Salmon Recovery Council on May 16.

In this year's grant cycle, we received 26 applications for funding across all categories. As in recent years, there continues to be strong demand for grant funds to support this important work coming from both new and established project sponsors. We greatly appreciate the Flood Control District's commitment to the CWM Grant Program and look forward to the important work that will be accomplished with 2024 grant funds.

All documents associated with the request for proposals, the proposal submittals, the review process, and the funding recommendations are available upon request. Please feel free to contact Jason Mulvihill-Kuntz, the WRIA 8 Salmon Recovery Manager, at 206-477-4780 or jason.mulvihill-kuntz@kingcounty.gov for further information.

Sincerely,

John Stokes
Chair, WRIA 8 Salmon Recovery Council
Councilmember, City of Bellevue

Vanessa Kritzer
Vice-Chair, WRIA 8 Salmon Recovery Council
Council President, City of Redmond

Cc: Michelle Clark, Executive Director, King County Flood Control District
Krista Camenzind, Deputy Director, King County Water and Land Resources Division, Department of Natural Resources and Parks
Kim Harper, King County, Cooperative Watershed Management Grant Program Administrator
Jason Mulvihill-Kuntz, WRIA 8 Salmon Recovery Manager
Carrie Byron, WRIA 8 Projects and Funding Coordinator
WRIA 8 Salmon Recovery Council members

WATER RESOURCE INVENTORY AREA 9 (WRIA 9) WATERSHED ECOSYSTEM FORUM

Making Our Watershed Fit For A King

Green / Duwamish & Central Puget Sound

Algona
Auburn
Black Diamond
Burien
Covington
Des Moines
Enumclaw
Federal Way
Kent
King County
Maple Valley
Normandy Park
Renton
SeaTac
Seattle
Tacoma
Tukwila

American Rivers
The Boeing Company
Covington Water District
Duwamish River Community Coalition
Green River Coalition
King Conservation District
King County Flood Control District
Master Builders Association
Mid-Sound Fisheries Enhancement Group
Port of Seattle
Save Habitat and Diversity of Wetlands (SHADOW)
U.S. Army Corps of Engineers
Green-Duwamish Urban Waters Partnership
Washington Department of Ecology
Washington Department of Fish and Wildlife
Washington Department of Natural Resources

May 28, 2024

Supervisor Reagan Dunn, Chair
King County Flood Control District
King County Courthouse
516 3rd Avenue, Room 1200
Seattle, WA 98104

RE: Water Resource Inventory Area 9 (WRIA 9) Recommendations for Cooperative Watershed Management Grant Funding

Dear Chair Dunn and Flood Control District Supervisors,

On May 9, 2024, the Green/Duwamish and Central Puget Sound (WRIA 9) Watershed Ecosystem Forum (WEF) unanimously approved funding recommendations for the 2024 Cooperative Watershed Management Grant (CWM) Program. If approved by the Board of Supervisors, these projects will continue to advance implementation of priority elements of the 2021 WRIA 9 Salmon Habitat Plan.

The $4.2 million in funding provides critical funding for eight high priority capital projects that were prioritized based on the limiting factors for increasing salmon productivity in our watershed. In addition to these high priority capital projects, CWM funding will support five community-based revegetation projects (Regreen the Green); four Monitoring and Research projects that inform monitoring and adaptive management; and seven Stewardship, Engagement and Learning (SEaL) programs to expand education and outreach initiates within the watershed.

If approved by the Board of Supervisors, the $4,224,779 in CWM funds will be leveraged to secure a total investment of $8.8 million from federal, state, and local sources to implement WRIA 9 salmon recovery priorities. These investments exemplify the district's policy to invest in multiple benefit projects by building community, creating equitable jobs, protecting, and restoring critical habitat and infrastructure, and promoting environmental stewardship.

Thank you for your continued partnership in improving the Green/Duwamish and Central Puget Sound Watershed.

Sincerely,

Co-chair Dave Upthegrove
Councilmember, City of Seattle
Watershed Ecosystem Forum

Co-chair Toni Troutner
Councilmember, City of Kent
Watershed Ecosystem Forum

Financial support provided by signers of Watershed Planning Interlocal Agreement for WRIA 9 including:
Algona, Auburn, Black Diamond, Burien, Covington, Des Moines, Enumclaw, Federal Way, Kent, King County, Maple Valley, Normandy Park, Renton, SeaTac, Seattle, Tacoma, Tukwila

May 17, 2024

Councilmember Reagan Dunn, Chair
King County Flood Control District
516 3rd Avenue, Room 1200
Seattle, WA 98104

RE: Funding Recommendations for Puyallup & Chambers Watersheds 2024 Cooperative Watershed Management Grants in WRIA 10

Dear Chair Dunn,

On behalf of the Puyallup & Chambers Watersheds Salmon Recovery Citizen Advisory Committee and Technical Advisory Group, we extend our gratitude for your continued support of salmon habitat restoration, outreach, education, and monitoring efforts in the Puyallup-White River Watershed through the King County Cooperative Watershed Management (CWM) Grant Program.

The funds from the King County CWM grant are crucial for implementing top-priority salmon recovery actions outlined in the Salmon Habitat Protection and Restoration Strategy for the Puyallup and Chambers Watersheds. We are pleased to present our recommendations for the allocation of $575,948 dedicated to the Puyallup-White Watershed (WRIA 10) from the 2024 King County CWM program. These projects have been carefully vetted according to King County's CWM Program rules and procedures. Our Citizen Advisory Committee and Technical Advisory Group evaluated and prioritized the projects based on criteria from the Puyallup & Chambers Salmon Habitat Protection and Restoration Strategy, including benefits to salmon, certainty of success, alignment with strategy, and multi-benefit criteria such as social and economic impacts.

We are excited to continue supporting a critical monitoring effort – a juvenile outmigration study on the White River, proposed by the Puyallup Tribe of Indians. The data from this study are vital for the watershed and the region. We are grateful for this flexible funding source that enables us to carry out this essential and challenging work. We recommend granting the project sponsor the requested amount of $280,081.

The South Puget Sound Salmon Enhancement Group has requested $295,867 for the Greenwater River Restoration project at RM 4.5-5.0. This project builds upon previously funded work (Greenwater River Restoration RM 3.8 to 4.8) to expand the project footprint upstream to river mile 5.0 to remove additional mainstem and spur roads and three culverts that are occupying and limiting active floodplain channels and migration zones. These additional road areas, and the extent of their impacts, were missed in previous assessment and design work because they were not evident in the older (2010), lower resolution LiDAR data. The road areas that were missed were evident in the newer 2022 LiDAR and mapped in fall 2023. This proposal seeks funding to remove an additional 16,000 cubic yards of floodplain fill.

The proposed funding allocation of $575,948 is summarized in the table below:

Project Name	Project Type	Project Contact/Sponsor	Funding Amount
White River Juvenile Assessment	Monitoring	Andrew Berger/ Puyallup Tribe of Indians Fisheries	$280,081
Greenwater River Restoration RM 4.5 – 5.0 Project	Restoration	Kristin Williamson/ South Puget Sound Salmon Enhancement Group	$295,867

These CWM grant funds advance the Puyallup & Chambers Watersheds Salmon Recovery Lead Entity's mission to support the recovery of self-sustaining salmon populations in Puget Sound by funding projects and programs in the White River and its tributaries. The rivers and streams in the Puyallup-White Watershed support threatened Chinook, steelhead, and bull trout, along with other critically important species. Notably, the White River and its tributaries host the only run of Spring Chinook in South Puget Sound. According to the National Marine Fisheries Service, White River Spring Chinook are one of only five hatchery stocks deemed essential for the recovery of Puget Sound Chinook salmon, making our recovery efforts in this watershed essential.

We sincerely appreciate the King County Flood Control District's ongoing support for high-priority salmon recovery projects and programs in WRIA 10.

All background documents related to the development of the project list, proposals, review process, and funding recommendations are available upon request.

Sincerely,

Jenn Stebbings,
Citizen Advisory Committee Chair
Puyallup & Chambers Watersheds Salmon Recovery Lead Entity

cc: Steven Schauer, Executive Director, King County Flood Control District
Josh Baldi, King County Water and Land Resources Division
Kim Harper, King County, Cooperative Watershed Management Grant Program Administrator
Lisa Spurrier, Pierce County, Puyallup & Chambers Watersheds Salmon Recovery Lead Entity Coordinator
Alex Lincoln, King County Water and Land Resources Division