



# KING COUNTY

1200 King County Courthouse  
516 Third Avenue  
Seattle, WA 98104

## Signature Report

### FCD Resolution FCD2021-10

**Proposed No.** FCD2021-10.1

**Sponsors**

1                   A RESOLUTION relating to the operations and finances of  
 2                   the King County Flood Control Zone District; authorizing  
 3                   the expenditure of District funds for projects and activities  
 4                   in accordance with the Flood Reduction Grants.

5                   WHEREAS, the King County Flood Control Zone District ("the District") adopts  
 6                   an annual work program, budget, operating budget for King County, capital budget and  
 7                   six-year capital improvement program pursuant to chapter 86.15 RCW, and

8                   WHEREAS, in 2014, the District created the Flood Reduction Grant fund to  
 9                   provide grant funding for projects with flood reduction benefits, including, but not  
 10                  limited to, surface water overflows, near shore flooding, lake flooding due to outflow  
 11                  blockage, or the clearance of clogged agricultural drainage systems, and

12                  WHEREAS, in 2020, the District expanded the Flood Reduction Grant fund to  
 13                  provide grant funding for projects addressing the countywide flood issues of urban  
 14                  streams, coastal erosion/coastal flooding, and culvert replacement/fish passage  
 15                  restoration, and

16                  WHEREAS, the District desires to continue funding projects in the Flood  
 17                  Reduction Grant fund, and

18                  WHEREAS, in establishing the District's 2021 budget, the District provided  
 19                  \$12,000,000 in funding in the Flood Reduction Grant Fund, and

20                  WHEREAS, a selection committee composed of the director of the water and land

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21 resources division of the King County department of natural resources and parks, the  
22 District's executive director and a former Burien city council member reviewed the 2021  
23 applications for grant funds and made a recommendation regarding them to the District,  
24 and

25 WHEREAS, the District's executive committee reviewed the selection  
26 committee's recommendations, and

27 WHEREAS, based on the recommendation of the selection committee, as  
28 considered and modified by the District's executive committee, the board of supervisors  
29 desires to approve the 2021 grant fund applications and projects;

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

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- 32            **SECTION 1.** The board of supervisors approves the 2021 King County Flood  
33 Reduction Fund Grant Projects described in Attachment A to this resolution.

FCD Resolution FCD2021-10 was introduced on and passed by the King County Flood Control District on 9/14/2021, by the following vote:

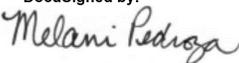
Yes: 9 - Ms. Balducci, Mr. Dembowski, Mr. Dunn, Ms. Kohl-Welles, Ms. Lambert, Mr. McDermott, Mr. Upthegrove, Mr. von Reichbauer and Mr. Zahilay

KING COUNTY FLOOD CONTROL ZONE DISTRICT  
KING COUNTY, WASHINGTON

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Dave Upthegrove, Chair

ATTEST:

DocuSigned by:  
  
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Melani Pedroza, Clerk of the Board

**Attachments:** A. 2021 Flood Reduction Grant Recommendation List

## King County Flood Control District - Flood Reduction Grant Recommendations for 2021

APPLICANT	PROJECT NAME	DESCRIPTION	GRANT CATEGORY	KC COUNCIL DISTRICT	REQUESTED AMOUNT	LEVERAGE	OFFER
<b>ORIGINAL FLOOD REDUCTION CATEGORY</b>							
<b>Burien, City of</b>	<i>Occidental Ave S. Drainage Improvements</i>	Alleviate flooding of roadway and private properties in a residential neighborhood that has reoccurred over the last several years during large rain events. The existing system consists of shallow ditches and pipes that are damaged, broken, and disjointed along the west shoulder of Occidental Ave S. The proposed improvements include a new underground drainage system of 12" to 18" pipe and new drainage structures.	Original Flood Reduction	8	\$400,000	\$0	\$400,000
<b>Carnation Farms</b>	<i>Carnation Farms Riparian Planting</i>	This riparian reforestation effort will provide bank stabilization and flood protection for 300 feet of the Snoqualmie River in an area subject to high rates of erosion. The project will help protect more than 50 acres of food-producing agricultural land and critical farm infrastructure, result in a reduction of potential siltation in critical salmon habitat, and provide a contiguous canopy cover on the south shore of the river to help mitigate rising river water temperatures.	Original Flood Reduction	3	\$23,430	\$0	\$23,430
<b>Drainage Improvement District #7</b>	<i>Levee Rebuilding in Cherry Valley Design, Permits &amp; Construction, Phase C</i>	This proposal builds on completed levee project elements in other phases. Phase C of the levee project will include final design, permit acquisition, and constructed levee improvements along the final 2,000 feet of the left bank of Cherry Creek within the Snoqualmie River floodplain.	Original Flood Reduction	3	\$250,000	\$365,000	\$250,000
<b>Enumclaw, City of</b>	<i>Boise Creek Restoration at Enumclaw Golf Course</i>	Restore Boise Creek at the Enumclaw Golf Course to its historic channel against the forested southeastern hillside of the course and daylight a 900ft long culverted section of an adjacent tributary (Chappel Springs) for vastly improved fish passage, salmonid spawning, and riparian habitat. In addition to the ecological benefits, this work will eliminate current routine seasonal flooding of the Enumclaw Golf Course which damages the course, adjacent properties, and significantly impacts course playability.	Original Flood Reduction	9	\$450,000	\$1,500,000	\$450,000
<b>Hidden Valley Property Owners Association</b>	<i>Retaining Walls South Fork Hamm Creek</i>	Build a soldier pile retaining wall system beneath four 150 foot sections of Country Club Lane. Secure the road with a gate to stop persistent dumping of garbage from outside community members. This project will assist in mitigating the erosion, landslide, seismic, and pollution hazards to South Fork of Hamm	Original Flood Reduction	8	\$250,000	\$0	\$250,000
<b>Hunts Point, Town of</b>	<i>Fairweather Place Drainage Improvement</i>	Raise the finished grade leve in the cul-de-sac by 1-6 inches to reduce flooding that occurs as the water level rises in Lake Washington.	Original Flood Reduction	6	\$30,390	\$3,010	\$30,390

## King County Flood Control District - Flood Reduction Grant Recommendations for 2021

APPLICANT	PROJECT NAME	DESCRIPTION	GRANT CATEGORY	KC COUNCIL DISTRICT	REQUESTED AMOUNT	LEVERAGE	OFFER
Issaquah, City of	<i>East Lake Sammamish Parkway - 56th St. to 51st St. Drainage Improvements Construction</i>	Parkway between SE 56 <sup>th</sup> St. and SE 51st St. is underperforming and causing street flooding during both high-intensity and long-duration lower-intensity storm events. The City will upsize two culverts to improve ditch conveyance and hydraulic capacity, reducing the likelihood of flooding along the corridor. This will reduce the extent and amount of maintenance required while also improving fish habitat and enhancing an active stream and wetland system. The grant would pay for construction of the culverts, invasive species removal from the conveyance channel, planting of native species, and improvement of conveyance pipes and catch basins.	Original Flood Reduction	3	\$300,000	\$1,585,000	\$300,000
King Conservation District	<i>KCD Agricultural Drainage Project - Phase 7</i>	This project builds on five years of Flood Reduction Grants awarded to KCD to develop, implement and expand services that facilitate increased cooperators participation in King County's Agricultural Drainage Assistance Program (ADAP). With a high backlog of willing participants (including specific outreach to non-English speaking farmers) in areas identified with drainage issues, KCD proposes an extension of funding for our partnering role with King County.	Original Flood Reduction	3, 7, 9	\$300,000	\$149,250	\$0
King County Drainage District No. 5	<i>Lateral A Conveyance Improvements</i>	This project will replace an aging and undersized piped conveyance system that drains a large area of the City of Enumclaw. The existing undersized conveyance is deteriorated and a source of frequent flooding along Cedar Street and Rainier Ave during high intensity storms. This grant request is to facilitate design and permitting for future construction of the project.	Original Flood Reduction	9	\$33,000	\$3,000	\$33,000
Kirkland, City of	<i>83rd/110th Intersection Flood Reduction</i>	The intersection of NE 110th Pl and 83rd Ave NE has experienced repeated flooding, which has resulted in public and private property and infrastructure damage, erosion in the right of way, traffic impacts to Juanita Drive from flooding, and a stormwater system that is difficult to maintain. This project will remedy the flooding by replacing approximately 320 lineal feet of existing, undersized and poorly functioning, 12-inch stormwater pipe system with a realigned 24-inch stormwater pipe system and associated catch basins from 83rd downstream to Juanita Drive.	Original Flood Reduction	1	\$550,000	\$0	\$550,000

## King County Flood Control District - Flood Reduction Grant Recommendations for 2021

APPLICANT	PROJECT NAME	DESCRIPTION	GRANT CATEGORY	KC COUNCIL DISTRICT	REQUESTED AMOUNT	LEVERAGE	OFFER
Lakewood Shores Condominium HA	<i>Flood Reduction &amp; Mitigation at Lakewood Shores Condominiums</i>	Prevent future flooding "water management" measures taken by the City or County to raise Lake Sammamish lake levels do not impact the City of Redmond Pump Station (which is located on our property) and our Community. We are requesting a site assessment be conducted by a third party for a Site Assessment – Proposed Design to Reduce Risk and Mitigate Flooding – Permitting and an Execution Plan with a high level ROM estimate. If the site assessment deems another form of prevention measure to be taken - we would consider that as well and require additional monies for execution of the proposed solution by the 3rd party.	Original Flood Reduction Grants	3/6	\$150,000	\$0	\$150,000
Snoqualmie Valley Watershed Improvement District	<i>Cherry Creek Phase 2 Floodplain Reconnection</i>	This project includes restoration and enhancement of approximately 7-acres of channel migration zone to address agriculture drainage, flood impacts to critical infrastructure, and aquatic organism passage. Phase 2 construction includes removal of the temporary breach repair installed in 2020, excavation of a secondary channel, additional berm removal to enhance floodplain connection, installation of a low, setback, earthen berm for habitat and minor flood protection, and installation of large wood and native plants throughout the project area. This project is supported by agricultural landowners and will receive technical feedback on habitat elements from the Snoqualmie Watershed Forum and the Snohomish Basin Salmon Recovery Technical Committee.	Original Flood Reduction Grants	3	\$368,632	\$207,500	\$0
Stewardship Partners	<i>Expanding GSI Incentive Outreach</i>	Continue and expand a combined earned media and advertising effort to promote green infrastructure at local and regional scales via radio ads, web ads, and billboards. This project will expand knowledge of GSI and promote GSI installation on private land leading to flood prevention and less pollution in the Puget Sound.	Original Flood Reduction Grants	3	\$30,000	\$117,500	\$0
Vashon-Maury Island Land Trust	<i>Tahlequah Creek Acquisition &amp; Restoration</i>	Purchase two parcels in lower Tahlequah Creek on Vashon Island totaling 4.82 acres and including 850 feet of streambed and a 1,500 square foot house located entirely in the 100-year floodplain of the Creek. The house is also located 60 feet from the Class S stream (suitable for salmon) where the King County Code requires a 165-foot setback. We propose to demolish the house and restore wildlife habitat in the riparian zone.	Original Flood Reduction	8	\$555,000	\$0	\$20,000
<b>SUBTOTAL FOR ORIGINAL FLOOD REDUCTION</b>							<b>\$2,456,820</b>

## King County Flood Control District - Flood Reduction Grant Recommendations for 2021

APPLICANT	PROJECT NAME	DESCRIPTION	GRANT CATEGORY	KC COUNCIL DISTRICT	REQUESTED AMOUNT	LEVERAGE	OFFER
<b>CULVERT REPLACEMENT/FISH PASSAGE CATEGORY</b>							
<b>Des Moines, City of</b>	<i>Massey Creek Pocket Estuary Restoration/ Fish Passage</i>	Improve riparian vegetation, remove armoring and fill, increase nearshore habitat, and enhance pocket estuaries and stream mouths. This will be accomplished by removing 300 feet of rock line stream bank and small jetty, abandoning two long box culverts that are identified as a fish barrier, daylighting 500 feet of stream & riparian vegetation, and creating a pocket estuary at the new mouth of the creek. This grant would pay for acquisition, site assessment, 60% design, and permitting.	Culvert Replacement / Fish Passage	5	\$365,000	\$1,165,000	\$365,000
<b>King County Housing Authority</b>	<i>Illahee Apartments Fish Passage and Stream Restoration</i>	This project will remove and replace two undersized fish barrier culverts on Kelsey Creek, which are located at the east and west boundaries of Illahee Apartments, a low income residential community. The two culverts run under the property's main access road and result in periodic seasonal flooding of the road, riverbanks and two residential buildings. The conceptual development of the proposed project took a multi-benefit approach to reduce flood risk and potential roadway hazard and to improve habitat within Kelsey Creek by removing the two fish barriers, expanding flood capacity, restoring floodplain connectivity, treating stormwater and adding Large Woody Material and native riparian plantings.	Culvert Replacement / Fish Passage	6	\$225,000	\$70,000	\$225,000
<b>King County Road Services Division</b>	<i>NE 24th St. Culvert Fish Passage</i>	This project will alleviate the flooding on NE 24th Street, a sole access road, and an adjacent driveway. A 2004 inspection of the Langlois Creek pipe crossing at NE 24th Street revealed that the 60.5-foot-long, 42-inch squash corrugated metal pipe (CMP) was corroded and failing. This project would replace the existing deteriorated pipe with a new larger, 55-foot-long, 18-foot-wide, 5-foot-high, precast concrete box culvert with a 45-degree skew angle.	Culvert Replacement / Fish Passage	3	\$950,000	\$360,000	\$950,000
<b>Maple Valley, City of</b>	<i>SE 254th Place &amp; Witte Road Flood Reduction</i>	As part of the larger Witte Road expansion project, these funds will go towards replacement of an existing 24-inch corrugated metal culvert that conveys South Fork Jenkins Creek under SE 254th Place with a box culvert with 18-foot wide and 9-foot tall inner dimensions to properly convey the 100-year flow and allow fish passage. Replacement of this existing culvert will remove the last significant flow barrier along this section of South Fork Jenkins Creek, which is expected to reduce flooding and restore passage for a fish bearing stream.	Culvert Replacement / Fish Passage	9	\$200,000	\$515,000	\$200,000

## King County Flood Control District - Flood Reduction Grant Recommendations for 2021

APPLICANT	PROJECT NAME	DESCRIPTION	GRANT CATEGORY	KC COUNCIL DISTRICT	REQUESTED AMOUNT	LEVERAGE	OFFER
Mid Sound Fisheries Enhancement Group	<i>Cottage Lake Creek Weir Removal &amp; Restoration</i>	Restore fish passage and reduce flooding and erosion risks by removing a weir. The weir was originally built as a dam for irrigation, but it no longer serves its purpose and strongly influences sediment transport in the reach and is the lowest barrier in Cottage Lake Creek.	Culvert Replacement / Fish Passage	3	\$118,840	\$0	\$118,840
Seattle Public Utilities	<i>Tolt Bridge Siwash &amp; Chuck Judd Creeks Fish Passage</i>	Project addresses road crossings on Siwash and Chuck Judd creeks in the South Fork Tolt Watershed. These crossings are fish barriers that incur flood damage during the late fall and winter. Both crossings serve as vital infrastructure for the City of Seattle's water supply.	Culvert Replacement / Fish Passage	3	\$450,000	\$112,500	\$450,000
Snoqualmie Valley Watershed Improvement District	<i>Langlois Creek Culvert Replacement</i>	The proposed project is to remove and replace two culverts and one log weir that are barriers to fish passage and impediments to drainage on Langlois Creek. The barrier culverts will be replaced with precast concrete box culverts designed using the WDFW stream simulation approach to provide fish with passage at as wide a range of flows as possible. The barrier log weir will be removed, and the streambed restored to match the natural grade of the channel.	Culvert Replacement / Fish Passage	3	\$442,332	\$273,115	\$442,332
Tukwila, City of	<i>Gilliam Creek Fish Passage &amp; Habitat Enhancement</i>	Restore fish passage between Gilliam Creek and the Green River and improve habitat conditions within lower Gilliam Creek. This creek is mostly inaccessible to aquatic species due to the presence of a 1960s era 108"-diameter flapgate at the outlet of a 207-foot long culvert beneath 66th Ave S.	Culvert Replacement / Fish Passage	5	\$300,000	\$300,000	\$300,000
			<b>SUBTOTAL FOR CULVERT REPLACEMENT / FISH PASSAGE</b>				<b>\$3,051,172</b>
<b>COASTAL EROSION/ COASTAL FLOODING CATEGORY</b>							
King County Water & Land Resources Division	<i>McSorley Creek Shoreline &amp; Estuary Restoration Design &amp; Permitting</i>	This grant is intended to support final design and permitting of the McSorley Creek Shoreline and Estuary Restoration Project. The project objectives are to restore 1000 feet of shoreline and 1 acre of pocket estuary habitat, reduce risk to park structures from coastal erosion and flooding, increase resilience to sea level rise, and improve user experience for this regionally-important urban beach park.	Coastal Erosion/ Coastal Flooding	5	\$450,000	\$800,000	\$450,000

**King County Flood Control District - Flood Reduction Grant Recommendations for 2021**

APPLICANT	PROJECT NAME	DESCRIPTION	GRANT CATEGORY	KC COUNCIL DISTRICT	REQUESTED AMOUNT	LEVERAGE	OFFER
<b>Mid Sound Fisheries Enhancement Group</b>	<i>Comiskey-Lockett Coastal Flooding Protection &amp; Nearshore Restoration Design</i>	Adjacent homeowners require coastal flooding management and seek to also enhance nearshore habitat including forage fish habitat through a soft-shore designed berm. The berm and beach nourishment will cross the properties which lie at a lower elevation than the surrounding parcels, and will be anchored with native vegetation and placed wood to provide long-term stability and habitat. We are seeking design support to encourage the homeowners to pursue a habitat friendly, cross-parcel design together, rather than developing their own separate options over time.	Coastal Erosion/ Coastal Flooding	5	\$57,552	\$10,000	\$57,552
			<b>SUBTOTAL FOR COASTAL EROSION / COASTAL FLOODING</b>				<b>\$507,552</b>

## King County Flood Control District - Flood Reduction Grant Recommendations for 2021

APPLICANT	PROJECT NAME	DESCRIPTION	GRANT CATEGORY	KC COUNCIL DISTRICT	REQUESTED AMOUNT	LEVERAGE	OFFER
<b>URBAN STREAMS CATEGORY</b>							
<b>Adopt A Stream Foundation</b>	<i>Friendly Village Flood Reduction Bridge Replacement Designs</i>	This is a scalable project that if fully funded will create final engineered designs for the replacement of the Snohomish drive car bridge and the raising of a covered pedestrian bridge. Insufficient conveyance capacity of these bridges is causing significant flooding to occur at the Friendly Village Mobile Home Park in Redmond, WA. The designs developed as a result of this project will, once implemented, significantly reduce flood stage by increasing the ability of the bridges to pass floodwaters and associated debris.	Urban Streams	3	\$86,250	\$5,000	\$86,250
<b>Bellevue, City of</b>	<i>Valley Creek at NE 21st St. Urban Flood Reduction</i>	This project is focused on replacing an undersized culvert with a larger concrete box culvert that will reduce street and property flooding and improve stream capacity. By removing silt and invasive vegetation currently overgrown in the fish channels and installing native riparian vegetation, this project will enhance instream habitat.	Urban Streams	6	\$1,500,000	\$1,907,727	\$1,500,000
<b>Delridge Neighborhoods Development Association</b>	<i>Delridge Wetland Restoration &amp; Stewardship</i>	This project involves restoring an urban wetland, constructing a system of bioswales to intercept stormwater before it enters the wetland, constructing pathways to provide public access to the park and developing an outdoor classroom for local students. To decrease flooding in this neighborhood, DNDA continues to work in partnership with SDOT, SPU to improve existing green stormwater infrastructure (gsi) and create a safe route to school connection between Delridge Wetland Park and K-8 STEM School at Louisa Boren.	Urban Streams	8	\$60,500	\$557,000	\$60,500
<b>Des Moines, City of</b>	<i>Redondo Creek Pipe Project</i>	Upgrade the storm ditch system and cage structure near the intersection of Redondo Way S. & Sound View Dr. S. to reduce flood impacts on Redondo Way S. during large storm events. This project includes the stream bed restoration of approximately 50 ft of stream in the ravine areas to the east. This project also includes the piping of approximately 20 ft of ditch-line and tightlining an existing storm conveyance to a new storm structure.	Urban Streams	5	\$24,999	\$1,967	\$25,000

## King County Flood Control District - Flood Reduction Grant Recommendations for 2021

APPLICANT	PROJECT NAME	DESCRIPTION	GRANT CATEGORY	KC COUNCIL DISTRICT	REQUESTED AMOUNT	LEVERAGE	OFFER
Friends of Arboretum Creek with Seattle Parks Foundation as fiscal	<i>Alder to Arboretum Creek Design</i>	Remove 48,000 gallons per day of clean spring water from city and county combined sewers. Reconnect this spring water to Arboretum Creek. Address urban flooding in the vicinity, including the Japanese Garden, as well as revitalize the creek's riparian habitat.	Urban Streams	2	\$487,000	\$0	\$487,000
Issaquah, City of	<i>Pickering Ditch Habitat &amp; Drainage Improvements</i>	Pickering Ditch is a tributary of Issaquah Creek that is entirely located within Lake Sammamish State Park, which conveys drainage from the developed Pickering Place area of the City. Beaver dams exist within the Pickering Ditch and, despite continued maintenance efforts, have created flooding resulting in property damage and hazardous pedestrian and driving conditions when the water backs up. The City would hire a consultant to do a baseline assessment of the ditch system and develop conceptual options, one of which could be implemented to solve this long-standing drainage problem, as well as providing opportunities to enhance habitat and other amenities within the State Park.	Urban Streams	3	\$120,000	\$30,000	\$120,000
King County Housing Authority	<i>Sandpiper East Bridge Replacements &amp; Stream Restoration Design</i>	KCHA will restore two failing roadway bridges and a damaged public sewer line crossing over Kelsey Creek at the Sandpiper East Apartments, an affordable housing development. The bridge replacements and associated riparian habitat restoration would prevent further subsidence and scouring of the existing pipe arch bridge foundations that could lead to failure of the sewer line running under the 13th Street bridge as well as eventual collapse of the bridges, resulting in flooding, downstream water quality impacts and loss of vital infrastructure to this development, including access to six multifamily buildings.	Urban Streams	6	\$365,000	\$90,000	\$365,000
Kirkland, City of	<i>North Rose Hill Infiltration Wells</i>	Construct water quality treatment followed by infiltration wells on NE 111th Place east of 127th Ave NE in Kirkland. Project will reduce the volume of stormwater reaching NE 116th Street beneath I-405, a location that floods frequently. Project will improve the quality and will reduce the flow of stormwater that reaches Forbes Creek.	Urban Streams	6	\$353,375	\$1,413,500	\$353,375

## King County Flood Control District - Flood Reduction Grant Recommendations for 2021

APPLICANT	PROJECT NAME	DESCRIPTION	GRANT CATEGORY	KC COUNCIL DISTRICT	REQUESTED AMOUNT	LEVERAGE	OFFER
Mid Sound Fisheries Enhancement Group	Lake City Floodplain Park Design	Mid Sound Fisheries Enhancement Group will continue its partnership with Seattle Parks and Recreation, Seattle Public Utilities, and the community to increase flood storage capacity on the North Branch of Thornton Creek. The multi-benefit project will improve stream and riparian habitat while providing important public green space for the diverse Lake City neighborhood community.	Urban Streams	1	\$599,990	\$150,000	\$600,000
Redmond, City of	Evans Creek Relocation	Relocate Reach 2 of Evans Creek out of an industrial area and into adjacent floodplain wetlands. The project will reduce flooding, engage the channel with floodplain wetlands, increase flood storage, restore in-stream habitat and improve an existing multi-use pedestrian trail. The grant would be used for preparing final design documents and securing permits.	Urban Streams	3	\$400,000	\$670,000	\$400,000
Sammamish, City of	Louis Thompson Road Tighline	Mitigate erosion, flooding, and landslide hazards on a public road as well as provide stormwater flow control and water quality treatment. Install curb, gutter, sidewalk, catch basins, conveyance, and water quality.	Urban Streams	3	\$400,000	\$400,000	\$400,000
Stewardship Partners	Duvall Green Infrastructure Hub Implementation	Facilitate a green infrastructure outreach, awareness and implementation project with partners in the City of Duvall. Working in conjunction with the City of Duvall, the Duvall Public Library and local business such as the Grange, SP will perform a green infrastructure assessment, install green infrastructure signage, install and give away rain barrels, and install a small rain garden in a green infrastructure hub around City Hall, the Library and local businesses located within a block of each other. Green infrastructure features will manage 20,000 gallons of storm water annually.	Urban Streams	3	\$47,965	\$7,000	\$48,000
Trout Unlimited	Tibbetts Creek Flood Reduction Feasibility Study	Tibbetts Creek is subject to regular localized flooding in Tibbetts Valley Park that has damaged public property and threatens loss of additional public property and infrastructure. Tibbetts Creek was mined for coal historically and was subject to extreme sedimentation events due to the mobilization of tailings which caused the City to install (2003) and maintain an inline sediment pond at significant expense and upgraded stream crossings. The tailings pile has since been stabilized; however, localized flooding persists, and this proposal would examine the stream characteristics, evaluate the efficacy of the sediment pond, and develop restoration alternatives to reduce the impacts of flooding and protect public property.	Urban Streams	3	\$184,144	\$20,000	\$184,144

**King County Flood Control District - Flood Reduction Grant Recommendations for 2021**

APPLICANT	PROJECT NAME	DESCRIPTION	GRANT CATEGORY	KC COUNCIL DISTRICT	REQUESTED AMOUNT	LEVERAGE	OFFER
			<b>SUBTOTAL FOR URBAN STREAMS</b>				<b>\$4,629,269</b>
			<b>TOTALS</b>		<b>\$ 11,878,399</b>	<b>\$ 12,788,069</b>	<b>\$10,644,813</b>

**Certificate Of Completion**

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Supplemental Document Pages: 10	Initials: 0
Certificate Pages: 5	Envelope Originator:
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	Seattle, WA 98104
	Angel.Allende@kingcounty.gov
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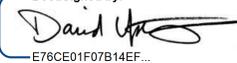
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Storage Appliance Status: Connected	Pool: King County General (ITD)	Location: DocuSign

**Signer Events**

Dave Upthegrove  
dave.upthegrove@kingcounty.gov  
Chair  
Security Level: Email, Account Authentication (None)

**Signature**

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**Electronic Record and Signature Disclosure:**

Accepted: 9/16/2021 12:48:56 PM  
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Supplemental Documents:

FCD2021-10 Attachment A.xlsx

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Read: Not Required  
Accepted: Not Required

Melani Pedroza  
melani.pedroza@kingcounty.gov  
Clerk of the Council  
King County Council  
Security Level: Email, Account Authentication (None)

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**Electronic Record and Signature Disclosure:**

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Supplemental Documents:

FCD2021-10 Attachment A.xlsx

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**In Person Signer Events**

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**Timestamp**

**Editor Delivery Events**

**Status**

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**Agent Delivery Events**

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**Intermediary Delivery Events**

**Status**

**Timestamp**

**Certified Delivery Events**

**Status**

**Timestamp**

**Carbon Copy Events****Status****Timestamp**

Russell Pethel  
russell.pethel@kingcounty.gov  
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(None)

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Envelope Sent	Hashed/Encrypted	9/16/2021 9:48:29 AM
Certified Delivered	Security Checked	9/16/2021 12:52:18 PM
Signing Complete	Security Checked	9/16/2021 12:52:30 PM
Completed	Security Checked	9/16/2021 12:52:31 PM

**Payment Events****Status****Timestamps****Electronic Record and Signature Disclosure**

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To contact us by email send messages to: bob.johnson@kingcounty.gov

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**Required hardware and software**

Operating Systems:	Windows® 2000, Windows® XP, Windows Vista®; Mac OS® X
Browsers:	Final release versions of Internet Explorer® 6.0 or above (Windows only); Mozilla Firefox 2.0 or above (Windows and Mac); Safari™ 3.0 or above (Mac only)
PDF Reader:	Acrobat® or similar software may be required to view and print PDF files
Screen Resolution:	800 x 600 minimum

Enabled Security Settings:	Allow per session cookies
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\*\* These minimum requirements are subject to change. If these requirements change, you will be asked to re-accept the disclosure. Pre-release (e.g. beta) versions of operating systems and browsers are not supported.

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