

Lake Washington/Cedar/Sammamish Watershed (WRIA 8) Project Subcommittee Funding Report – 2021

King County Flood Control District Cooperative Watershed Management Grants

Funding Summary: Table 1 summarizes the 2021 Cooperative Watershed Management (CWM) grant funding in WRIA 8. The total available includes WRIA 8’s 2021 allocation from the King County Flood Control District plus a small amount returned from past projects that closed under budget.

2021 CWM Allocation	\$3,660,893
Returned Funds	\$25,650
Total Funding Available	\$3,686,543
2021 CWM Funding Requested	\$5,312,777
<i>Difference between Requested and Available Funds</i>	<i>(\$1,626,234)</i>

Funding Recommendations: The WRIA 8 Project Subcommittee (Subcommittee) recommends grant awards totaling the full amount available of \$3,686,543, and the recommendations allocate funds across eligible categories as follows (for a list of all proposals see Attachment 1):

- Habitat protection and restoration projects - \$2,428,628
- Riparian habitat and stewardship projects - \$361,235
- Monitoring and studies - \$724,330
- Outreach and education - \$172,350

Grant Eligibility and Administration: Activities proposed for CWM funding must occur within King County, and the proposed scope and budget must meet the guidelines and policies outlined by King County, who administers CWM grants. Eligible activities include habitat restoration (including planning and design), acquisition, monitoring and assessment, and outreach and education. Matching funds are not required but are encouraged.

Project Subcommittee Process: The Subcommittee members (listed in Attachment 2) individually reviewed the grant proposals using the WRIA 8 grant criteria, and all applicants delivered online presentations about their work. The Subcommittee met over several sessions to share perspectives about the merits of the proposals and to develop the funding recommendations presented in this report. Funding is prioritized for proposals that offer the greatest alignment with WRIA 8 goals and recovery strategies, articulate clear goals and objectives, and demonstrate a strong likelihood of successful implementation.

This year, the WRIA 8 Diversity, Equity, and Inclusion (DEI) Subcommittee developed community engagement and DEI application questions and evaluation criteria. The purpose is to better understand how grant applicants are incorporating DEI values into their projects and programs and give stronger consideration to DEI principles in the allocation of grant resources. To assist in the DEI evaluation, the Project Subcommittee engaged a King County DEI subject matter expert, who reviewed applicant

responses to the DEI questions and provided feedback that informed proposal ranking and funding recommendations.

Salmon Recovery Council Guidance for Allocating CWM Funds: The Salmon Recovery Council (Council) annually issues guidance to inform the Subcommittee’s funding allocation discussions. For many years, the Council’s guidance established the maximum for monitoring at \$300,000 and the maximum for outreach and education at \$96,000.

With the doubling of CWM funding approved by the Flood Control District in early 2020 and the strong need for additional scientific investigation and public outreach in this watershed, the Council voted to raise the monitoring and outreach funding ceilings in November 2020. The Council approved a cap of 20% of the annual allocation for monitoring and assessment activities and 5.3% of the annual allocation for outreach and education activities. Of the amount remaining in the allocation, 85% is set aside for restoration and acquisition projects and up to 15% of the project total is the target for projects focused entirely on riparian restoration and stewardship. All returned and carryover funds are added to the restoration and acquisition total regardless of their origin. The 2021 funding targets are illustrated in Table 2.

<i>Table 2. Funding Guidance by Category for 2021 CWM Grant Funds in WRIA 8</i>	
Habitat Restoration and Acquisition Projects	\$2,350,134
Riparian Habitat and Stewardship Projects	\$410,203
Monitoring and Assessment Activities	\$732,179
Outreach and Education Activities	\$194,027
Total	\$3,686,543

2021 CWM Funding Recommendation Summary – Acquisition and Restoration Projects**1. Be'er Sheva Park Shoreline Restoration – *Link2Lake Steering Committee/Seattle Parks Foundation*****Grant Request: \$504,556 Funding Recommended: \$504,556**

This community-led project seeks to improve shoreline habitat for juvenile salmon and will complement the Mapes Creek Daylighting project, which was completed by Seattle Public Utilities in 2014. The project will remove shoreline armoring, restore a natural beach profile, place large wood along the shoreline and in the lake, and replant riparian vegetation. The project was vetted through the Technical Committee on two occasions, has tremendous community support, and received high marks for diversity, equity, and inclusion.

2. Bear Creek Little Bit Restoration – *King County***Grant Request: \$162,000 Funding Recommended: \$162,000**

Located in a high priority reach of Bear Creek, the Little Bit project will restore instream complexity through wood placements and will restore riparian habitat. Property acquisition and design work were both funded through past WRIA 8 grants, and this award will complete the funding needed to construct the project, which is scheduled for 2022.

3. Lower Issaquah Creek Stream and Riparian Restoration – *City of Issaquah***Grant Request: \$800,000 Funding Recommended: \$792,150**

The City of Issaquah seeks funds to construct a project focused on restoring instream and riparian habitat along 1,200 feet of Issaquah Creek north of I-90. The project will remove bank armoring, construct side and backwater channels, place large wood in the stream, and restore riparian habitat. These actions will improve habitat for multiple species of salmon. Grant funds will contribute to the construction cost, and construction is expected to begin in 2022.

4. Kelsey Creek Lake Hills Connector Barrier Correction Feasibility and Alternatives Analysis – *City of Bellevue***Grant Request: \$200,060 Funding Recommended: \$150,000**

This request is to perform the initial analysis needed to select a preferred alternative for correcting a full fish passage barrier on Kelsey Creek under the Lake Hills Connector. Correction will open over five miles of upstream habitat to unimpeded fish access, and partial funding is recommended at this early stage to support momentum for the project.

5. Arrowhead Property Conservation – *Forterra***Grant Request: \$500,000 Funding Recommended: \$250,000**

This proposal seeks to protect a 6.46-acre parcel from development. The property is located along the Lake Washington shoreline and borders Saint Edward State Park to the north. Acquisition will preserve mature forest and undeveloped lakeshore and provide water quality benefits. Following

completion of the acquisition, and the parcel is expected to be added to the state park. Partial funding reflects the amount of direct Chinook salmon habitat value at this site.

6. Evans Creek Relocation Design – *City of Redmond*

Grant Request: \$500,000 Funding Recommended: \$450,000

The City of Redmond seeks funding to complete design for the Evans Creek Relocation Project, which will relocate over 3,500 feet of stream from a heavily industrialized area into adjacent open space. Doing so will significantly improve instream and riparian habitat and water quality, and benefits are expected for multiple species of salmon. The recommended funding will contribute to the city's 90% design, and construction is anticipated to begin as early as 2023.

7. Luther Burbank South Shoreline Restoration – *City of Mercer Island*

Grant Request: \$75,000 Funding Recommended: \$75,000

As a final phase of a multi-year effort to improve the shoreline at Luther Burbank Park, the City of Mercer Island seeks funds to nourish the shoreline with native substrate, install large wood, and plant native vegetation along 785 feet of unarmored shoreline. The purpose is to improve habitat for juvenile salmon, and the in-lake work will be completed in 2022.

8. Bear Creek Ecohydrology Project – *Mid-Sound Fisheries Enhancement Group*

Grant Request: \$61,102 Funding Recommended: \$0

This multi-faceted project involves instream and riparian habitat enhancement, green stormwater infrastructure, and community outreach on a property owned by King County Parks along Bear Creek. Funding was requested for community outreach, feasibility, and conceptual design. The Subcommittee agreed there is merit to the concept, but they concluded more details about the overall project goals and objectives are required before awarding funds.

9. Bear Creek Reach 6 Restoration Design at Friendly Village, Phase III – *Adopt a Stream Foundation*

Grant Request: \$153,475 Funding Recommended: \$44,922

Adopt a Stream seeks funds to initiate design for a third and final restoration phase in this reach of Bear Creek. Work will focus on instream and riparian enhancements to benefit juvenile salmon. This is a high priority location, but infrastructure and substantial amounts of wood recently installed downstream led the Subcommittee to conclude that a methodical approach is warranted. Partial funding will allow the sponsor to perform feasibility analysis and community outreach.

10. 6th Avenue W Street End Habitat Enhancement – *Seattle Department of Transportation*

Grant Request: \$190,994 Funding Recommended: \$0

The 6th Avenue W street end is a small public space on the south shore of the Ship Canal near Seattle Pacific University. The proposal is to improve 66 linear feet of shoreline through beach nourishment,

planting native vegetation, and enhancement of an existing bioswale. The Subcommittee determined the overall amount of habitat lift to be relatively low. Furthermore, the site is tucked in among a network of docks and piers, and it is highly uncertain whether juvenile fish will use the site.

2021 CWM Funding Recommendation Summary – Riparian Habitat/Stewardship Projects

1. Cedar River Trees for Streams – Forterra

Grant Request: \$179,744 Funding Recommended: \$179,744

Funding is requested to continue to ongoing partnership project focused on controlling knotweed along the Cedar River and planting native vegetation on private and public properties. Forterra intends to increase the scale of revegetation while scaling back knotweed treatment in areas where infestations are greatly reduced. Funding will support two years of work in the basin.

2. Bear Creek Watershed Riparian Enhancement Program – Forterra

Grant Request: \$103,357 Funding Recommended: \$103,357

Similar to the Cedar River proposal but in a much earlier stage, this proposal seeks to systematically control knotweed infestations along Bear Creek and key tributaries and establish native vegetation on properties where knotweed control has been successful. Like the Cedar River proposal, this award will support two years of work.

3. Bear Creek Reach 6 Revegetation Project – Mid-Sound Fisheries Enhancement Group

Grant Request: \$57,940 Funding Recommended: \$57,940

In partnership with Whale Scout, Mountains to Sound Greenway Trust, Forterra, and King County Parks, Mid-Sound will lead an effort to restore riparian buffers on two parcels owned by King County in the high priority reach 6 of Bear Creek. The project will remove blackberry and other invasive plants and will plant native trees and shrubs, relying in part on volunteer events.

4. Carey Creek Weertman Revegetation Project – Mid-Sound Fisheries Enhancement Group

Grant Request: \$20,194 Funding Recommended: \$20,194

Working on a private property on Carey Creek, this project will restore a riparian buffer along the creek where pasture currently extends to the edge of the bank. The restored buffer will improve habitat and water quality and prevent livestock from accessing the stream.

2021 CWM Funding Recommendation Summary – Monitoring and Assessment

The WRIA 8 Technical Committee (Committee) heard presentations from all applicants in the monitoring and assessment category. In addition to proposals for long-running monitoring programs, we received several proposals seeking to answer key questions affecting salmon survival or focused on testing technologies that could aid recovery efforts. The category was highly competitive, and the Subcommittee was unable to allocate funds to all of the good work proposed. Partial funding recommendations align with defined elements in the proposals' scopes of work. The total

recommended funding leaves a balance of \$7,849, which was transferred to the habitat restoration and acquisition category.

1. Juvenile Salmon (Fish Out) Monitoring: PIT Tagging – Washington Department of Fish and Wildlife

Grant Request: \$174,104 Funding Recommended: \$91,123

PIT tagging juvenile salmon allows for an assessment of their survival through Lake Washington and the Ship Canal to the Locks (tags inserted at the Cedar River screw trap for detection at the Ballard Locks). This work complements the fish-out funding request and allows WDFW to conduct a greater level of investigation into Chinook trends than with the fish-out grant alone.

2. Juvenile Salmon (Fish Out) Monitoring: Cedar River – Washington Department of Fish and Wildlife

Grant Request: \$186,617 Funding Recommended: \$186,617

Funds are requested by WDFW to continue their annual work to estimate the abundance of juvenile salmon migrating from the Cedar River through operation of a rotary screw trap. The data is used to assess survival and in-stream-rearing and is an important source of information for measuring progress toward Chinook recovery goals.

3. Piscivore Monitoring during Chinook Outmigration – Washington Department of Fish and Wildlife

Grant Request: \$80,388 Funding Recommended: \$80,388

A current priority is better understanding the scope and scale of predation on outmigrating juvenile salmon. This proposal will increase gill netting efforts of piscivorous fish species in the Ship Canal and will expand to other nearshore areas of Lake Washington. The results of this work will provide information to support future management decisions pertaining to predation on juvenile salmon. The project also aligns with U.S. Fish and Wildlife Service predator diet analysis and yellow perch tracking, which received CWM funding in 2020.

4. Adult Chinook (Fish In) Monitoring – King County

Grant Request: \$24,031 Funding Recommended: \$24,031

This request supports surveys of spawning adult salmon returning to the Cedar River to support the evaluation of progress toward Chinook recovery goals. The work is an ongoing, annual, inter-agency effort, and the long-term nature of this monitoring helps to assess the effectiveness of the WRIA 8 Chinook Salmon Conservation Plan.

5. Lake Sammamish Merwin Trap Effectiveness Test for Capture of Non-Native Fish – Washington Department of Fish and Wildlife

Grant Request: \$69,696 Funding Recommended: \$69,696

A Merwin Trap is a special type of trap that has been employed in lake environments in other regions of the west to capture non-native fish. This proposal will fund the testing of a Merwin Trap in Lake Sammamish to determine whether it is an effective method to capture non-native fish that

are preying on native salmon, including Chinook and kokanee. If determined effective, this could become a tool to aid in management of non-native predators in Lakes Washington and Sammamish.

6. Targeted Acoustic Startle Technology for Reducing Pinniped Predation at the Ballard Locks – Oceans Initiative

Grant Request: \$236,812 Funding Recommended: \$146,876

Targeted Acoustic Startle Technology (TAST) is a non-lethal method for deterring seals and sea lions, and this proposal seeks to continue testing the effectiveness of this technology at the Ballard Locks. Seals and sea lions are known to patrol the waters downstream of the Locks during the adult migratory period, and the funding recommended will support one year of testing this technology to determine whether it is a viable tool for reducing predation of adult salmon by pinnipeds.

7. Assessment of Artificial Light at Night and Predation Risk for Juvenile Salmon – U.S. Geological Survey

Grant Request: \$229,797 Funding Recommended: \$125,599

Artificial lighting at night has expanded the predation risk for juvenile salmon, and while some work has been performed on this topic, many questions remain. This proposal intends to better understand predation risk at various times, locations, and depths and will recommend light restoration priorities. The funding recommended will support one year of this research.

8. Temporal and Spatial Distribution of Myxozoan Parasites in Lake Washington and the Cedar River – Trout Unlimited

Grant Request: \$98,900 Funding Recommended: \$0

Myxozoan parasites can cause disease and mortality in salmon, and a previous study to map the distribution of these parasites was performed in the Sammamish River watershed. This proposal seeks to expand the work to Lake Washington and the Cedar River.

While a well-conceived proposal, this was determined to be a lower priority based on current uncertainty regarding the role and relevance of these parasites for pre-spawn mortality in WRIA 8 Chinook and how the study findings could be translated to management action. These parasites are suspected to be an important contributor to pre-spawn mortality of Cedar River sockeye and are a documented contributor to Chinook pre-spawn mortality in basins outside of WRIA 8.

9. Effects of Aquatic Invasive Plant Control on Nearshore Fish Assemblage in Lake Sammamish – Trout Unlimited

Grant Request: \$97,800 Funding Recommended: \$0

Eurasian milfoil is a non-native aquatic weed that produces negative effects on water quality and provides habitat for non-native predatory fish. Through this proposal, changes in fish assemblage following milfoil removal would be evaluated, offering insights to whether milfoil removal is an

effective conservation tool. This technique is currently being evaluated through a pilot effort, and the results of that effort will inform whether this is a good fit for WRIA 8 grant funds in the future.

10. Spawning Ground Surveys in Little Bear, North, and May Creeks – Washington Department of Fish and Wildlife

Grant Request: \$70,422

Funding Recommended: \$0

WRIA 8 grant funding supported spawning ground surveys of Little Bear, North, and May Creeks through 2018. In 2019, the Technical Committee paused annual allocation of funding for surveys of these streams to focus greater attention on other critical priorities. The Subcommittee did not view this work as a high priority at this time relative to the other proposals submitted.

11. Monitoring and Assessment of Native and Non-Native Fish Communities in Lake Washington – U.S. Geological Survey

Grant Request: \$170,251

Funding Recommended: \$0

Recent years have seen increased numbers and types of non-native fish species in Lake Washington, and this work proposes to monitor native and non-native fish species occupying key habitats to determine whether there are shifts in the fish community that could affect juvenile salmon survival. While important knowledge to acquire, the proposal lacked clear links about how the information gathered would be used to inform direct management action.

12. Movement Ecology of Northern Pikeminnow and Cutthroat Trout in Lake Washington – U.S. Geological Survey

Grant Request: \$111,426

Funding Recommended: \$0

This proposal would explore spawning aggregations and movement and distribution of northern pikeminnow and cutthroat trout, which are two native predators on juvenile salmon. The results would help inform the feasibility and scope of predator control options. As with some of the previous proposals, this is a relatively lower priority presently, and it's unclear how this information would be used to inform active management.

13. Movement Ecology of Northern Pikeminnow and Cutthroat Trout in Lake Washington – University of Washington

Grant Request: \$46,362

Funding Recommended: \$0

This is a companion proposal to the previous application and represents work that would be performed by university researchers. The comments for #12 apply here.

2021 CWM Funding Recommendation Summary – Outreach and Education

With an increase in available funding for outreach and education, the demand in this category was higher than in past years. In addition to applications from some annual outreach programs, we also received several first-time applications. The total funding recommended leaves an unobligated balance of \$21,677, which was transferred to the habitat restoration category for allocation to projects.

1. Unleash the Brilliance Youth Outside Experience Partnership – King County

Grant Request: \$19,200

Funding Recommended: \$19,200

King County is partnering with Unleash the Brilliance to plan and lead outdoor learning opportunities focused on environmental science and advocacy, with the focus being on bringing youth with patterns of truancy into the outdoors for hands-on, experiential learning. Lessons will focus on salmon habitat, functioning ecosystems, and stewardship of public lands.

2. Cedar River Salmon Journey – Seattle Aquarium

Grant Request: \$38,500

Funding Recommended: \$38,500

This program provides opportunities for people to see salmon and learn how individual choices affect them, and in so doing supports and promotes salmon recovery in WRIA 8. Each year since 1998, the Salmon Journey program educates thousands of citizens about Cedar River salmon, watershed health, and the actions citizens can take to help salmon recovery efforts.

3. Salmon Heroes: Improving Stewardship Behaviors through Science-Based Studies – Environmental Science Center

Grant Request: \$15,000

Funding Recommended: \$15,000

The Salmon Heroes program delivers a multi-part field study program to students in grades 4 – 8, focusing on underserved areas of south King County. The program seeks to educate students, teachers, and parents/guardians on watershed health and salmon recovery so that they become responsible stewards of salmon habitat.

4. Environmental Education in North Creek Forest – Friends of North Creek Forest

Grant Request: \$36,000

Funding Recommended: \$36,000

With a focus on the North Creek watershed, this proposal seeks funding for youth field trips and environmental summer camps focused on stream health and other ecological topics. Participants perform hands-on measurements, engage in restoration, and design and carry out projects.

5. Beach Naturalists – Seattle Aquarium

Grant Request: \$13,200

Funding Recommended: \$13,200

The Beach Naturalist program is a public education and outreach campaign designed to engage citizens in learning how to protect and conserve the nearshore environment. Trained naturalists motivate behavioral change by raising public understanding of the value of the intertidal ecosystem, the nearshore, and Puget Sound—and they connect these habitats to the needs of salmon.

6. Salmon Cam at the Issaquah Salmon Hatchery – Friends of the Issaquah Salmon Hatchery

Grant Request: \$13,249

Funding Recommended: \$7,850

This proposal seeks to install cameras at the Issaquah Salmon Hatchery and provide a live video stream through various outlets, with viewers being directed to other relevant salmon conservation

educational materials on the FISH website and other sites. Partial funding is recommended, acknowledging some educational value but a limited reach overall.

7. Beaver Coexistence Outreach and Education – *Beavers Northwest*

Grant Request: \$27,600 Funding Recommended: \$27,600

This proposal will lead an education, outreach, and technical assistance campaign to promote riparian stewardship, water conservation, and water quality improvements for salmon habitat recovery through the lens of beaver coexistence. Beaver outreach events will take place throughout Tier 1 sub-basins in WRIA 8, with technical assistance focused on the Bear Creek and Issaquah Creek basins.

8. Adaptive Stormwater Reuse in Seattle – *Seattle 2030 District*

Grant Request: \$25,000 Funding Recommended: \$15,000

With a focus in WRIA 8 on the areas from South Lake Union to Belltown, this work is focused on outreach to businesses to motivate them to manage their stormwater runoff using Green Stormwater Infrastructure (GSI). Where GSI isn't feasible, businesses would have an opportunity to pay into a mitigation fund to support restoration efforts elsewhere in WRIA 8. Partial funding is intended to help jumpstart this important effort as they further refine their concept and model.

9. Salmon-Safe Outreach and Education – *Stewardship Partners*

Grant Request: \$20,000 Funding Recommended: \$0

Salmon-Safe is a certification program that awards an eco-label to businesses that meet certain standards for sustainable land management and water quality. The focus of this proposal is on farms and nurseries in the Sammamish River valley. Given questions about the overall effectiveness of this program and the lack of a clear connection to WRIA 8 priorities in the Sammamish basin, no funding is recommended.

Attachment 1: WRIA 8 Project Subcommittee Funding Recommendations for 2021 CWM Grant Funds

Table 1: Habitat Restoration and Acquisition Funding Recommendations			
<i>Project Name and Sponsor</i>	<i>Project Phase</i>	<i>Funding Request</i>	<i>Funding Recommended</i>
Be'er Sheva Park Shoreline Restoration <i>Link2Lake Steering Committee/Seattle Parks Foundation</i>	Construction	\$504,556	\$504,556
Bear Creek Little Bit Restoration <i>King County</i>	Construction	\$162,000	\$162,000
Lower Issaquah Creek Stream and Riparian Restoration <i>City of Issaquah</i>	Construction	\$800,000	\$792,150
Kelsey Creek Lake Hills Connector Barrier Correction Feasibility and Alternatives Analysis <i>City of Bellevue</i>	Design	\$200,060	\$150,000
Arrowhead Property Conservation <i>Forterra</i>	Acquisition	\$500,000	\$250,000
Evans Creek Relocation Design <i>City of Redmond</i>	Design	\$500,000	\$450,000
Luther Burbank South Shoreline Restoration <i>City of Mercer Island</i>	Construction	\$75,000	\$75,000
Bear Creek Ecohydrology Project <i>Mid-Sound Fisheries Enhancement Group</i>	Design	\$61,102	\$0
Bear Creek Reach 6 (Friendly Village) Restoration Design <i>Adopt a Stream Foundation</i>	Design	\$153,475	\$44,922
6th Avenue W Street End Habitat Enhancement <i>Seattle Department of Transportation</i>	Construction	\$190,994	\$0
Totals		\$3,147,187	\$2,428,628

Attachment 1: WRIA 8 Project Subcommittee Funding Recommendations for 2021 CWM Grant Funds

<i>Table 2: Riparian Habitat and Stewardship Funding Recommendations</i>		
<i>Project Name and Sponsor</i>	<i>Funding Request</i>	<i>Funding Recommended</i>
Cedar River Trees for Streams <i>Forterra</i>	\$179,744	\$179,744
Bear Creek Watershed Riparian Enhancement Program <i>Forterra</i>	\$103,357	\$103,357
Bear Creek Reach 6 Revegetation Project <i>Mid-Sound Fisheries Enhancement Group</i>	\$57,940	\$57,940
Carey Creek Weertman Revegetation Project <i>Mid-Sound Fisheries Enhancement Group</i>	\$20,194	\$20,194
Totals	\$361,235	\$361,235

<i>Table 3: Monitoring and Assessment Funding Recommendations</i>		
<i>Project Name and Sponsor</i>	<i>Funding Request</i>	<i>Funding Recommended</i>
Juvenile Salmon (Fish Out) Monitoring: PIT Tagging <i>Washington Dept. of Fish and Wildlife</i>	\$174,104	\$91,123
Juvenile Salmon (Fish Out) Monitoring: Cedar River <i>Washington Dept. of Fish and Wildlife</i>	\$186,617	\$186,617
Piscivore Monitoring during Chinook Outmigration <i>Washington Dept. of Fish and Wildlife</i>	\$80,388	\$80,388
Adult Chinook (Fish In) Monitoring <i>King County</i>	\$24,031	\$24,031
Lake Sammamish Merwin Trap Effectiveness Test for Capture of Nonnative Fish <i>Washington Dept. of Fish and Wildlife</i>	\$69,696	\$69,696
Targeted Acoustic Startle Technology for Reducing Pinniped Predation at Ballard Locks <i>Oceans Initiative</i>	\$236,812	\$146,876

Attachment 1: WRIA 8 Project Subcommittee Funding Recommendations for 2021 CWM Grant Funds

Assessment of Artificial Light at Night and Predation Risk for Juvenile Salmon <i>U.S. Geological Survey</i>	\$229,797	\$125,599
Temporal and Spatial Distribution of Myxozoan Parasites in Lake Washington and the Cedar River <i>Trout Unlimited</i>	\$98,900	\$0
Effects of Aquatic Invasive Plant Control on Nearshore Fish Assemblage in Lake Sammamish <i>Trout Unlimited</i>	\$97,800	\$0
Spawning Ground Surveys in Little Bear, North, and May Creeks <i>Washington Dept. of Fish and Wildlife</i>	\$70,422	\$0
Monitoring and Assessment of Native and Nonnative Fish Communities in Lake Washington <i>U.S. Geological Survey</i>	\$170,251	\$0
Movement Ecology of Northern Pikeminnow and Cutthroat Trout in Lake Washington <i>U.S. Geological Survey</i>	\$111,426	\$0
Movement Ecology of Northern Pikeminnow and Cutthroat Trout in Lake Washington <i>University of Washington</i>	\$46,362	\$0
Totals	\$1,596,606	\$724,330

Table 4: Outreach and Education Funding Recommendations		
<i>Project Name and Sponsor</i>	<i>Funding Request</i>	<i>Funding Recommended</i>
Unleash the Brilliance Youth Outside Experience Partnership <i>King County</i>	\$19,200	\$19,200
Cedar River Salmon Journey <i>Seattle Aquarium</i>	\$38,500	\$38,500
Salmon Heroes <i>Environmental Science Center</i>	\$15,000	\$15,000

Attachment 1: WRIA 8 Project Subcommittee Funding Recommendations for 2021 CWM Grant Funds

North Creek Forest Environmental Education <i>Friends of North Creek Forest</i>	\$36,000	\$36,000
Beach Naturalists <i>Seattle Aquarium</i>	\$13,200	\$13,200
Salmon Cam at the Issaquah Salmon Hatchery <i>Friends of the Issaquah Salmon Hatchery</i>	\$13,249	\$7,850
Beaver Coexistence Outreach and Education <i>Beavers Northwest</i>	\$27,600	\$27,600
Adaptive Stormwater Reuse in Seattle <i>Seattle 2030 District</i>	\$25,000	\$15,000
Salmon-Safe Outreach and Education <i>Stewardship Partners</i>	\$20,000	\$0
Totals	\$207,749	\$172,350

Attachment 2

2021 Cooperative Watershed Management Grant Round WRIA 8 Project Subcommittee Participants

1. Tor Bell – Mountains to Sound Greenway Trust*
2. Jim Bower – King County
3. Diane Buckshnis – City of Edmonds*
4. Karl Burton – Seattle Public Utilities
5. Christa Heller – City of Bellevue
6. Peter Holte – City of Redmond
7. Josh Kubo – King County
8. Jason Mulvihill-Kuntz – WRIA 8 Salmon Recovery Manager
9. Mark Phillips – City of Lake Forest Park*
10. Zeke Rohloff - Washington Department of Fish and Wildlife
11. Lauren Urgenson – WRIA 8 Technical Coordinator
12. Carol Volk – Seattle Public Utilities
13. Jason Wilkinson – WRIA 8 Projects and Funding Coordinator and Subcommittee Chair

*Denotes WRIA 8 Salmon Recovery Council member