

**KING CONSERVATION DISTRICT
GRANT SUBCOMMITTEE MEETING
OF THE BOARD OF SUPERVISORS
Monday, June 28th, 2021
3:00 pm – 4:30 pm**

Join Zoom Meeting
<https://zoom.us/j/95368516516>

Meeting Agenda

Call to Order

1. Preliminary Matters

- a) Introductions
- b) Additions or Corrections to the Agenda
- c) Adoption of the Board Agenda

2. Public Comment:

3. Grant Subcommittee Items:

Member Jurisdiction Grant Program Items

Presentation: Equity in Grantmaking: Analysis of Member Jurisdiction Awards from 2016-2020

Applications:

- 1. Des Moines Farmers Market – Low Income Senior Healthy Eating Campaign
- 2. King County – Keeping Farmers Farming
- 3. City of Bellevue - Overlake Blueberry Farm Spiraea douglasii (Hardhack) Treatment

Amendments:

- 1. City of Sammamish – 2020-2021 Stormwater Outreach
- 2. Viva Farms - Project Title: Breaking Ground: Removing Barriers in Food Production through Tractor Training and Increased Farm Efficiency

Close outs:

- 1. City of Kirkland – 2019-2020 Implementation of the 20-Year Forest and Natural Area Restoration Plan “Green Kirkland Partnership”

Regional Food System Grant Program Items:

Close outs:

- 1. King County – Local Food Facility Feasibility Study
- 2. Goose and Gander (to be added at the meeting)

Des Moines Farmers Market Senior Low-Income Healthy Eating Initiative

Member Jurisdiction Grant Program

Des Moines Farmers Market

Kim Richmond

P.O. Box 98843

Des Moines, WA 98198

O: 206-595-9971

Kim Richmond

22307 Dock Avenue South

P.O. Box 98843

Des Moines, WA 98198

kim@frogsongfarms.com

O: 206-595-9971

Application Form

Summary Information

Project Title*

Des Moines Farmers Market Senior Low-Income Healthy Eating Initiative

Project Description - Short*

Provide a short, concise description of the project no more than two or three sentences.

Our unique Low Income Senior Healthy Eating Program helps King County low-income senior participants purchase fresh fruits, vegetables, bread and other qualifying food items at the Des Moines Farmers Market through a weekly \$10 free market tokens.

Principal Partners (if any)

City of Des Moines, Des Moines Legacy Foundation

Amount of KCD Funding Requested*

You will need to upload a detailed budget document before you submit your application. Please make sure the amount requested and total project cost amounts you list here match the amounts in the uploaded budget document.

\$14,000.00

Total Project Cost*

\$14,000.00

Total Matching Funds (optional)

\$0.00

Project Start Date*

06/01/2021

Project End Date*

10/31/2021

Close Date**Project Location***

Address, Parcel #, OR L&L Points, for site specific projects only.
If more than two locations, state "multiple" and explain.

22307 Dock Ave S, Des Moines WA 98198

Jurisdiction

If the applicant is not a city or jurisdiction, please type in the city or jurisdiction this project is located in.

Des Moines

Is your project on public or private land?*

Public

State Legislative District #*

Click here to find it on the web. If your project resides in more than one district, type in the primary district or type in zero.

33

King County District #*

Click here to find it on the web. If your project resides in more than one district, type in the primary district or type in zero.

9

Narratives, Budget, & Attachments

Project Description - Detailed*

Provide a description of the project that summarizes what you will do, how you will do it, and why you will do it. Describe target audience, outcomes, objectives and general timelines.

In 2012, the Des Moines Farmers Market began an important partnership with KCD and the City of Des Moines to fill a small part of the food access gap. Our seniors are a valued part of our communities, but many

of them find it difficult to make ends meet. Quality fresh food is often priced at a premium at grocery stores, and some have to choose between quality or price, or even go without. Additionally, since the QFC in downtown Des Moines closed in 2013, a greater part of the area has become a food desert, with access to only convenience store-type groceries for those without reliable vehicle transportation. Many of the seniors who visit the Market are brought by bus from a retirement community, and do not have a personal vehicle.

2020 brought concerns with COVID-19, particularly amongst the senior demographic. The Market continues to work closely with the King County Department of Health to ensure all market shoppers, vendors, staff and volunteers are educated on how to remain safe at the Market, including hand washing and mandatory face coverings for all adults. Additionally, we added a seniors-only hour from 9-10 am to limit exposure of this more vulnerable population. The Market is proud to report that even in the face of daunting challenges, we opened the regular market season and were able, with direct support from the City of Des Moines and KCD, to keep this critical food access program alive and well. Attendance to the market was on par with prior years, and though total Senior benefits were down about 12%, redemption of tokens was very high at 98.5%.

We help our seniors, help our farmers, and help our community by giving qualifying seniors \$10 in free tokens, to be used to purchase fruits, vegetables and other staples at the Des Moines Farmers Market.

The project is administered as follows:

1. Identify applicants - returning participants, word of mouth within local retirement communities, signage at the Market and at local senior communities (beginning May and through market season)
2. Take applications - simple one page form to self-declare eligibility at 135% of Federal poverty level or below, age and residency in a KCD-eligible city, verified by market staff (during market season)
 - In 2020, this form is also available online, and the Market Board of Directors has agreed to allow one person per household to receive tokens for other members if those other members have a current application on file.
3. Dispense tokens - participants are added to a checklist (see attached) and tracked for weekly participation
4. Receive back the \$1 KCD-logo tokens, count and record after each market day

Project Activities and Measurable Results*

List specific project activities to be completed with KCD grant funds and the associated outcomes or measurable results, and timeline.

1. Issuance and redemption of KCD grant program market tokens at the Market (and purchase of more tokens to facilitate this)
2. Staff hours to administer the program (promote the program, process applications, hand out tokens, record participation, count redeemed tokens) – approximately 7 hours per week at \$15/hr.
3. Reusable shopping bags with KCD and other program partner logos distributed to participants
4. Consistent marketing and display of KCD logos, on applications, website and on the tokens themselves, to recognize KCD's support

Average participation during the 18 Saturdays during 2020 was 55 seniors per market day (compares to 61 prior year), with an average of \$510 redeemed (compares to prior year average redemption of \$645). The improvement in redemption goes 100% to farm and food vendor sales, and was a result of both some redemption from 2019 token distribution, and repeat participation throughout the 2020 season.

The Senior Health Eating Initiative helps our farms and farmers, increasing sales in the Market dollar for dollar of KCD tokens distributed (\$9,685 in 2020). The redemption rate is high, with 98.5% of all tokens distributed during the season redeemed. There is overlap in redemption both with the prior year and tokens that will be redeemed in 2021, as tokens don't expire and can be used at a later date. It is our intent to honor these tokens regardless of whether we receive 2020 grant funding. While a small percentage of total farm sales, the KCD sales represent more than \$500 average per market day in additional revenue to farmers, encouraging continued farming and direct-to-the-consumer sales of fresh produce. Beyond the

numbers, the response from participants is overwhelmingly positive. For some, we've given them hope, health, and safe source of healthy food in a pandemic crisis. In many cases, seniors are able to combine their KCD grant tokens with EBT and Fresh Bucks, significantly expanding their resources for fresh food purchases at the market (ex. \$10 KCD plus \$10 EBT plus Market Bucks match equals \$30). Our program recipients have been and remain a part of our bigger Des Moines family. We see singles, couples, and (in a normal year) whole apartment groups and are on a first-name basis with many.

Project Budget and Expenses*

Fill out and upload separate Application Budget Form also available on the KCD Member Jurisdiction Grant Program website. Budget must be detailed with footnotes, appropriate and reasonable, *meeting state auditor/GAAP guidelines*. Please do not use forms from previous applications. Please only upload the form linked above. Thank you!

KCD-Member-Jurisdiction-Grant-Program-Application-Budget-Form 2021.xlsx

Member Jurisdiction Authorization Letter

If you are a nonprofit organization seeking Member Jurisdiction funding, you must upload written authorization from the Member Jurisdiction to apply for funding. This can be in the form of a letter or scanned copy of an email.

Senior Healthy Eating Initiative Support Letter 04.08.2021.pdf

Additional Attachments

Upload any photos or maps of your project here. Only one file will be accepted. Please combine multiple files into one if possible.

Natural Resource Improvement Actions- Criteria Checklist

Please **only** select "yes" below the action that your project **directly** addresses

Direct Improvement of Natural Resource Conditions*

To improve landscape and natural resource conditions as a result of direct action that enhances water quality, protects and conserves soils, implements ecosystem restoration and preservation projects (*examples include supporting private property owners with land stewardship, water quality, aquatic and wildlife habitat resources, removal of invasive weeds, stewardship on public land*)

Does your project directly address this issue?

No

Education and Outreach*

To raise awareness, deepen knowledge, and change behaviors of residents, landowners, and other land managers and organizations to practice exemplary stewardship of natural resources (*examples include education about stormwater management; the value of farmland, local farms and food systems, shorelines, salmon habitat, forests*)

and other ecosystems)

Does your project directly address this issue?

No

Pilot and Demonstration Projects*

To test and/or improve concepts and/or approaches in natural resource management that can be replicated by others *(examples include low impact development or green infrastructure demonstration projects, development of new best management practices, distribution of local farm products, urban agriculture (e.g. farmers markets and backyard food production to promote or support social economic independence and healthy living); technological innovation for natural resource conservation)*

Does your project directly address this issue?

No

Capacity Building*

To enhance the ability of organizations, agencies, residential landowners and other land owners and managers to have knowledge, skills, tools, support systems and technical resources to implement exemplary best management practices and deliver natural resource management actions on the ground *(examples include urban agriculture development, assistance to and inclusion of private property owners, preservation, restoration, and/or expansion of urban and/or rural agricultural lands, rural and urban forest lands, riparian restoration and stewardship on private and public lands)*

Does your project directly address this issue?

No

Project Type*

Agriculture, Urban

KCD Acknowledgement and Signature

By signing below, the applicant agrees to acknowledge King Conservation District funding by placing the KCD-provided logo on signs, materials, and documents produced as part of the above proposal. In addition, the applicant will notify KCD of public events and activities funded by the KCD.

*

I have read the above paragraph about acknowledging KCD and I will use the provided logo.

Authorized Applicant Electronic Signature*

Please enter your full name to sign and agree to the above.

Kim A Richmond

Title

President, Board of Directors

Date*

04/24/2021

File Attachment Summary

Applicant File Uploads

- KCD-Member-Jurisdiction-Grant-Program-Application-Budget-Form 2021.xlsx
- Senior Healthy Eating Initiative Support Letter 04.08.2021.pdf



Member Jurisdiction Grant Program

Grant Application Project Budget Form

Promoting sustainable uses of natural resources through responsible stewardship

Project Name	Des Moines Farmers Market Senior Low-Income Healthy Eating Initiative		
Applicant	Des Moines Farmers Market		
Contact	Kim Richmond		
Mailing Address	PO Box 98843, Des Moines WA 98198		
E-mail	kim@frogsongfarms.com	Project Start Date:	6/1/2021
Phone	206-595-9971	Project End Date:	10/31/2021

Please provide detailed budget information below. Itemize categories such as supplies, contracted services with footnotes and detailed descriptions below

Budget Item	KCD Funds	Other Funds	Other Funds	Total
		(identify source and status of matching funds here ex. Rose Foundation - Pending)	Des Moines Legacy Foundation	
Salaries & Benefits	\$1,800			\$1,800
Travel/ Meals/ Mileage (for - volunteers, staff)				\$0
Direct Benefit (\$1 tokens)	\$11,530		any overages, up to \$2,000	\$11,530
				\$0
Wooden Tokens	\$250			\$250
Office Supplies	\$20			\$20
Canvas Totes	\$400			\$400
				\$0
Field Supplies				\$0
Contracted/ Professional Services				\$0
Permits				\$0
Other: (specify)				\$0
Other: (specify)				\$0
Other: (specify)				\$0
Other: (specify)				\$0
Other: (specify)				\$0
TOTAL	\$14,000	\$0	\$0	\$14,000

Total Project Cost	\$14,000
Total Match	\$0

Amount of KCD Funding Requested	\$14,000
Match Percentage	0%

Footnotes:



April 8, 2021

Kim Richmond
Des Moines Farmers Market
PO Box 98843
Des Moines WA 98198

Dear Ms. Richmond,

The City of Des Moines approves the Des Moines Farmer's Market grant request of \$14,000 for their 2021 Des Moines Farmers Market Senior Health Eating Initiative to help feed low income seniors.

Best,

A handwritten signature in blue ink, appearing to read "Michael Matthias".

Michael Matthias
City Manager

cc: Susan Cezar, Chief Strategic Officer

The Waterland City

2021 Keeping Farmers Farming, King County Agriculture Program

Member Jurisdiction Grant Program

King County

Maureen Dahlstrom
201 S Jackson St, Ste 600
Seattle, WA 98104

O: 206-477-4687

Maureen Dahlstrom

201 S. Jackson St Suite 600
201 S. Jackson St Suite 600
Seattle, WA 98104

Maureen.Dahlstrom@kingcounty.gov
O: 206-477-4777

Application Form

Summary Information

Project Title*

2021 Keeping Farmers Farming, King County Agriculture Program

Project Description - Short*

Provide a short, concise description of the project no more than two or three sentences.

The goal of the KC Agriculture Program, supported with KCD funding, is to conserve farmland and agricultural soils, increase the economic success of farm enterprises, improve farm management practices to protect soil, water quality and wildlife.

Principal Partners (if any)

Amount of KCD Funding Requested*

You will need to upload a detailed budget document before you submit your application. Please make sure the amount requested and total project cost amounts you list here match the amounts in the uploaded budget document.

\$172,300.00

Total Project Cost*

\$275,061.00

Total Matching Funds (optional)

\$102,761.00

Project Start Date*

01/01/2021

Project End Date*

12/31/2021

Close Date

Project Location*

Address, Parcel #, OR L&L Points, for site specific projects only.

If more than two locations, state "multiple" and explain.

Multiple - the KC Agricultural Program works throughout all of unincorporated King County.

Jurisdiction

If the applicant is not a city or jurisdiction, please type in the city or jurisdiction this project is located in.

King County (UNIN)

Is your project on public or private land?*

Public

State Legislative District #*

Click here to find it on the web. If your project resides in more than one district, type in the primary district or type in zero.

0

King County District #*

Click here to find it on the web. If your project resides in more than one district, type in the primary district or type in zero.

0

Narratives, Budget, & Attachments

Project Description - Detailed*

Provide a description of the project that summarizes what you will do, how you will do it, and why you will do it. Describe target audience, outcomes, objectives and general timelines.

The goal of the King County Agriculture Program, partially supported with King Conservation District funding, is to conserve farmland and agricultural soils, increase the economic success of farm enterprises, and improve farm management practices to protect soil, water quality and wildlife.

King County has a long history of preserving farmland and supporting farmers and their markets in the County. The 2009 FARMS Report identified major challenges for farmers and actions needed to be taken if farming is to continue to be successful in King County. Since then, the Agriculture Program, with the assistance of the Agriculture Commission, has made progress on the recommendations, continued to refine them, and set annual priorities. In 2013, the County partnered with the City of Seattle and Pike Place Market

in roundtable conversations to enhance farmland protection and increase market opportunities for the county's agricultural industry. In 2014, the King County Executive launched his Food Economy Initiative and created a "Kitchen Cabinet" to develop targets, strategies and actions to enhance the food economy in the County. In 2015, the Kitchen Cabinet released its "Local Food Initiative," which identified the top 20 priority action items and strategies to be implemented in 2015-2017. The King County Agricultural Program's 2020 work plan was structured to directly contribute to the Local Food Initiative priorities and some of the tasks in the work plan will be supported by the requested KCD funding.

The beneficiaries of this project are farmers, consumers of local farm products, farmers market managers, farmland owners and other residents of King County. Most of the activities target farmers in the agriculture production districts. However, we will also focus on rural and urban residents and city governments to build interest in local farm products, support for farmers, and understanding of the environmental challenges we face in trying to restore salmon and enhance agriculture within the same geographical area. Overall, the tasks outlined in this proposal will enhance conservation of agricultural land and natural resources, and increase opportunities to buy local food in stores, restaurants and farmers markets throughout King County and support immigrant/refugee farmers who have been traditionally underserved. The requested \$172,500 of KCD funds will be augmented by King County funds to carry out the specific programs defined here.

Project Activities and Measurable Results*

List specific project activities to be completed with KCD grant funds and the associated outcomes or measurable results, and timeline.

1. Provide technical support to Working Farmland Partnership. In 2018, King County and key stakeholders collaborated on a KCD-funded pilot project to determine whether focused engagement can accelerate rates of farmland returned to production. This project used information learned about "farmable but unfarmed lands" identified during the summer 2017 land use survey to work with landowners who were interested in leasing land to farmers, enhancing production on their lands, or transitioning away from farm management or ownership. The WFP grant from KCD was focused in the Snoqualmie APD and on Vashon Island, but program partners also responded to opportunities elsewhere in the county. Initial project results were very promising and KCD agreed to support PCC Farmland Trust to continue building the WFP. In 2020, we will:

- Serve on WFP Steering Committee and sub-committees
- Provide direct outreach and technical support to landowners and farmers to ultimately improve opportunities to restore or enhance agricultural production on underused land.
- Participate in landowner and farmer workshops, individual landowner and farmer consultations to understand needs and expectations and supporting other Working Farmland Partnership staff to plan and host team meetings.

All ongoing throughout the year

- Assist with management and assessment of agricultural land use data, including GIS-based analyses and reporting.
- Primary staff: Melissa Borsting PPMII (0.2 FTE).

2. Enhance farming activities on King County-owned farmland. The County currently owns property that could be better utilized for farming and serve as platforms for good farm management and ecological sustainability. This portfolio includes lands that were acquired for long-term farming uses as well as lands acquired for other purposes but that have significant short-term farming potential (e.g., river/habitat restoration). In 2020, we will:

- Continue capital improvement to enhance production potential on county-owned farmland and make county farmland a platform to demonstrate good farm management. Ongoing
- Provide interpretive services to Hmong farmers who lease county-owned farmland to help provide needed infrastructure improvements and to navigate the leasing process. Ongoing

- Complete a plan, with partner engagement, that identifies how best King County-owned farmland can add value to the larger agricultural community, especially to provide land access for new/beginning farmers and immigrant/refugee farmers. Second Quarter

- Primary staff: Bee Cha PPM II (0.3 FTE), Melissa Borsting PPM II (0.1 FTE)

3. Increase water availability for irrigation. Farming requires adequate irrigation. Based upon earlier assessments, too many of the county's farms do not legal water rights or rights to water in quantities needed to irrigate high value crops. In 2020, we will:

- Complete the temporary transfer of water rights from 60 Acres soccer complex to county-owned Sammamish River Farms. Provide technical support to SRF farmers to provide much-needed irrigation water, which will allow farmers to grow higher value crops. Initiate water delivery summer 2020. Second Quarter

- o Provide technical support to SRF farmers to implement a water-sharing framework and to install needed infrastructure to efficiently deliver irrigation water, which will allow farmers to grow higher value crops. Initial water delivery 3rd quarter.

- Work with staff in Wastewater Treatment Division to further develop plans to deliver commercial quantities of recycled water to farmers in the Sammamish Valley. Options for direct delivery as well as indirect delivery via river withdrawals with replacement will be considered. Ongoing

- Explore opportunities to claim "municipal rights" to irrigation water rights associated with King County properties. Ensure those rights are not lost due to non-use (e.g., place rights in state water trust) and initiate action to transfer water from at least one right to downstream agricultural properties. Ongoing

- Primary staff: Melissa Borsting PPM II (0.2 FTE)

4. Provide technical support, outreach and education to King County farmers. DNRP agriculture staff provide frequent technical support for farmers and farm landowners, both through targeted outreach and one-on-one contacts. In 2020, we will:

- Update and provide new content for FarmKingCounty.org and DNRP agricultural websites.

- Lead the Farm King County Technical Assistance Team and complete an assessment of all farmer training in King County, strive to minimize duplication of effort and identify gaps in training that can be filled by team participants.

All ongoing throughout the year

- Provide key support to efforts to gather and disseminate information to farmers, farmland owners and consumers challenged by Covid-19.

- Respond to KC farmers requesting assistance with management, regulations/permitting, transition planning, etc.

- Primary staff: Melissa Borsting (0.2 FTE)

5. Coordinate development and implementation of a strategic plan to support immigrant/refugee farmers. South King County immigrants and refugees were often farmers in their home countries but have not been afforded needed support to explore opportunities to farm commercially in King County. In 2018, we began a targeted outreach program to assess the immigrant farming communities in south King County and to determine the level of interest in commercial farming. In 2020, we will:

- Work with partner organizations to develop a strategic plan to deliver needed resources, including access to land and technical training and education.

- o Complete initial draft of I/R strategic plan that is based upon priority needs identified in the I/R report - 3rd Quarter

- Coordinate implementation of initial high priority actions, which will include linking immigrant/refugee farmers searching for leasing opportunities with WFP. Second Quarter

- Explore opportunities to acquire property as an addition to the KC farmland portfolio to serve the needs of immigrant/refugee and beginning farmers. Ongoing

- Work with partner organizations to develop a plan for collaborative farming on shared land provided by King County. Third Quarter

- Primary staff: Melissa Borsting PPM II (0.3 FTE)

Project Budget and Expenses*

Fill out and upload separate Application Budget Form also available on the KCD Member Jurisdiction Grant Program website. Budget must be detailed with footnotes, appropriate and reasonable, *meeting state auditor/GAAP guidelines*. Please do not use forms from previous applications. Please only upload the form linked above. Thank you!

2021 Jurisdictional Grant Budget.xlsx

Member Jurisdiction Authorization Letter

If you are a nonprofit organization seeking Member Jurisdiction funding, you must upload written authorization from the Member Jurisdiction to apply for funding. This can be in the form of a letter or scanned copy of an email.

Additional Attachments

Upload any photos or maps of your project here. Only one file will be accepted. Please combine multiple files into one if possible.

Natural Resource Improvement Actions- Criteria Checklist

Please **only** select "yes" below the action that your project **directly** addresses

Direct Improvement of Natural Resource Conditions*

To improve landscape and natural resource conditions as a result of direct action that enhances water quality, protects and conserves soils, implements ecosystem restoration and preservation projects (*examples include supporting private property owners with land stewardship, water quality, aquatic and wildlife habitat resources, removal of invasive weeds, stewardship on public land*)

Does your project directly address this issue?

Yes

Education and Outreach*

To raise awareness, deepen knowledge, and change behaviors of residents, landowners, and other land managers and organizations to practice exemplary stewardship of natural resources (*examples include education about stormwater management; the value of farmland, local farms and food systems, shorelines, salmon habitat, forests and other ecosystems*)

Does your project directly address this issue?

Yes

Pilot and Demonstration Projects*

To test and/or improve concepts and/or approaches in natural resource management that can be replicated by others (*examples include low impact development or green infrastructure demonstration projects, development of*

new best management practices, distribution of local farm products, urban agriculture (e.g. farmers markets and backyard food production to promote or support social economic independence and healthy living); technological innovation for natural resource conservation)

Does your project directly address this issue?

Yes

Capacity Building*

To enhance the ability of organizations, agencies, residential landowners and other land owners and managers to have knowledge, skills, tools, support systems and technical resources to implement exemplary best management practices and deliver natural resource management actions on the ground *(examples include urban agriculture development, assistance to and inclusion of private property owners, preservation, restoration, and/or expansion of urban and/or rural agricultural lands, rural and urban forest lands, riparian restoration and stewardship on private and public lands)*

Does your project directly address this issue?

Yes

Project Type*

Agriculture, Urban
Education

KCD Acknowledgement and Signature

By signing below, the applicant agrees to acknowledge King Conservation District funding by placing the KCD-provided logo on signs, materials, and documents produced as part of the above proposal. In addition, the applicant will notify KCD of public events and activities funded by the KCD.

*

I have read the above paragraph about acknowledging KCD and I will use the provided logo.

Authorized Applicant Electronic Signature*

Please enter your full name to sign and agree to the above.

Maureen Dahlstrom

Title

Senior Administrator

Date*

05/04/2021

File Attachment Summary

Applicant File Uploads

- 2021 Jurisdictional Grant Budget.xlsx



Member Jurisdiction Grant Program

Grant Application Project Budget Form

Promoting sustainable uses of natural resources through responsible stewardship

Project Name	Keeping Farmers Farming, King County Agricultural Program 2021		
Applicant	King County, Water and Land Resources Division		
Contact	Richard Martin		
Mailing Address	201 S Jackson Street, Suite 600, Seattle, WA 98104		
E-mail	richard.martin@kingcounty.gov	Project Start Date:	1/1/2021
Phone	206-477-3876	Project End Date:	12/31/2021

Please provide detailed budget information below. Itemize categories such as supplies, contracted services with footnotes and detailed descriptions below

Budget Item	KCD Funds	Other Funds	Other Funds	Total
		(KC Funds)	(identify source and status of matching funds here ex. DON Small and Simple - Secured)	
Salaries & Benefits	\$172,300	\$28,416	SWM, GF; secured	\$200,716
Travel/ Meals/ Mileage (for - volunteers, staff)				\$0
Office Supplies				\$0
Field Supplies				\$0
Contracted/ Professional Services				\$0
Permits				\$0
Other: (Indirect Costs 37.04%, all match)		\$74,345	SWM, GF; secured	\$74,345
Other: (specify)				\$0
TOTAL	\$172,300	\$102,761	\$0	\$275,061

Total Project Cost	\$275,061
Total Match	\$102,761
Amount of KCD Funding Requested	\$172,300
Match Percentage	37%

Unrecovered Indirect Costs are calculated at the King County WLR Indirect Rate of 37.04%

Budget Notes

Salaries and Benefits: Melissa Borsting, Agriculture Land Use Coordinator (1.0 FTE KCD), Bee Cha, Farm Manager (.5 FTE KCD, 0.3 FTE KC); additional KC Agriculture Program staff will contribute to project tasks, but their salary and benefits are not included as grant funded or as match.

Unrecovered Indirect: calculated as 37.04% of salary and benefits

Other Funds: SWM=Surface Water Management, GF=General Funds

Overlake Blueberry Farm Spiraea douglasii (Hardhack) Treatment

Member Jurisdiction Grant Program

Bellevue

Jammie Kingham
PO Box 90012
Bellevue, WA 98009-9012

Jammie Kingham

JKingham@bellevuewa.gov
O: 425-452-6048

Application Form

Summary Information

Project Title*

Overlake Blueberry Farm Spiraea douglasii (Hardhack) Treatment

Project Description - Short*

Provide a short, concise description of the project no more than two or three sentences.

Hardhack has been aggressively spreading throughout the Overlake Blueberry Farm. This project would apply a cut/dab herbicide technique to hardhack canes without harming blueberry plants and improve blueberry plant health and future fruit yields.

Principal Partners (if any)

[Unanswered]

Amount of KCD Funding Requested*

You will need to upload a detailed budget document before you submit your application. Please make sure the amount requested and total project cost amounts you list here match the amounts in the uploaded budget document.

\$35,000.00

Total Project Cost*

\$35,000.00

Total Matching Funds (optional)

Project Start Date*

09/01/2021

Project End Date*

12/31/2022

Close Date

Project Location*

Address, Parcel #, OR L&L Points, for site specific projects only.

If more than two locations, state “multiple” and explain.

2380 Bellevue Way SE

Jurisdiction

If the applicant is not a city or jurisdiction, please type in the city or jurisdiction this project is located in.

Bellevue

Is your project on public or private land?*

Public

State Legislative District #*

Click here to find it on the web. If your project resides in more than one district, type in the primary district or type in zero.

41

King County District #*

Click here to find it on the web. If your project resides in more than one district, type in the primary district or type in zero.

6

Narratives, Budget, & Attachments

Project Description - Detailed*

Provide a description of the project that summarizes what you will do, how you will do it, and why you will do it. Describe target audience, outcomes, objectives and general timelines.

Originally established in the 1940s, the Overlake Blueberry Farm is owned and managed by the Bellevue Parks & Community Services Department to help preserve Bellevue’s agricultural heritage. *Spiraea douglasii*, commonly known as Hardhack, is a PNW native plant commonly found in wetlands and is prevalent in the Mercer Slough Nature Park. It can tolerate extended periods of flooding and is an aggressive native plant that can form dense thickets and prevent the survival of other native and non-native species. Even though Hardhack is native, it has been aggressively spreading throughout the Overlake blueberry farm and is now competing with Bellevue’s historic plants for needed nutrients and space. If we do not treat the hardhack soon and reduce the infestation growing within individual blueberry plants, we will see a decline in blueberry

plant health and fruit yields. The most effective way to treat the hardhack without harming blueberry plants is to apply a cut/dab herbicide technique to each individual hardhack cane growing within blueberry plants. Grubbing Hardhack roots out of the ground while they are intermixed with blueberry plant roots would likely damage the root structures of the desirable blueberry plants. Timing is crucial when using pesticides at the farm. Herbicides should only be used when the blueberry plants are NOT in fruit (June-September) and should be applied during the closure of the public U-pick operations. EarthCorps' field crews will be hired to treat the hardhack in spring/fall 2021 and/or 2022.

Project Activities and Measurable Results*

List specific project activities to be completed with KCD grant funds and the associated outcomes or measurable results, and timeline.

EarthCorps' crews will cut/dab each hardhack cane growing within the 20 acre Overlake Blueberry Farm boundaries with an aquatic approved herbicide. The best time of year to treat hardhack is in the spring and/or fall before and after the blueberry plants bear fruit. The result will be 100% hardhack cane treatment/eradication by winter 2022. This project will improve blueberry plant health for future years and will improve fruit yields for the City of Bellevue's U-pick program.

Project Budget and Expenses*

Fill out and upload separate Application Budget Form also available on the KCD Member Jurisdiction Grant Program website. Budget must be detailed with footnotes, appropriate and reasonable, *meeting state auditor/GAAP guidelines*. Please do not use forms from previous applications. Please only upload the form linked above. Thank you!

2019-KCD-Member-Jurisdiction-Grant-Program-Application-Budget-Form.xlsx

Member Jurisdiction Authorization Letter

If you are a nonprofit organization seeking Member Jurisdiction funding, you must upload written authorization from the Member Jurisdiction to apply for funding. This can be in the form of a letter or scanned copy of an email.

Additional Attachments

Upload any photos or maps of your project here. Only one file will be accepted. Please combine multiple files into one if possible.

Overlake Blueberry Farm Boundary and Photos.pdf

Natural Resource Improvement Actions- Criteria Checklist

Please **only** select "yes" below the action that your project **directly** addresses

Direct Improvement of Natural Resource Conditions*

To improve landscape and natural resource conditions as a result of direct action that enhances water quality, protects and conserves soils, implements ecosystem restoration and preservation projects (*examples include supporting private property owners with land stewardship, water quality, aquatic and wildlife habitat resources, removal of invasive weeds, stewardship on public land*)

Does your project directly address this issue?

Yes

Education and Outreach*

To raise awareness, deepen knowledge, and change behaviors of residents, landowners, and other land managers and organizations to practice exemplary stewardship of natural resources (*examples include education about stormwater management; the value of farmland, local farms and food systems, shorelines, salmon habitat, forests and other ecosystems*)

Does your project directly address this issue?

No

Pilot and Demonstration Projects*

To test and/or improve concepts and/or approaches in natural resource management that can be replicated by others (*examples include low impact development or green infrastructure demonstration projects, development of new best management practices, distribution of local farm products, urban agriculture (e.g. farmers markets and backyard food production to promote or support social economic independence and healthy living); technological innovation for natural resource conservation*)

Does your project directly address this issue?

No

Capacity Building*

To enhance the ability of organizations, agencies, residential landowners and other land owners and managers to have knowledge, skills, tools, support systems and technical resources to implement exemplary best management practices and deliver natural resource management actions on the ground (*examples include urban agriculture development, assistance to and inclusion of private property owners, preservation, restoration, and/or expansion of urban and/or rural agricultural lands, rural and urban forest lands, riparian restoration and stewardship on private and public lands*)

Does your project directly address this issue?

Yes

Project Type*

Agriculture, Urban

KCD Acknowledgement and Signature

By signing below, the applicant agrees to acknowledge King Conservation District funding by placing the KCD-provided logo on signs, materials, and documents produced as part of the above proposal. In addition, the applicant will notify KCD of public events and activities funded by the KCD.

*

I have read the above paragraph about acknowledging KCD and I will use the provided logo.

Authorized Applicant Electronic Signature*

Please enter your full name to sign and agree to the above.

Jammie Kingham

Title

Environmental Programs Supervisor_City of Bellevue_Natural Resources

Date*

05/26/2021

File Attachment Summary

Applicant File Uploads

- 2019-KCD-Member-Jurisdiction-Grant-Program-Application-Budget-Form.xlsx
- Overlake Blueberry Farm Boundary and Photos.pdf



Member Jurisdiction Grant Program

Grant Application Project Budget Form

*Promoting sustainable uses of natural resources
through responsible stewardship*

Project Name	Overlake Blueberry Farm Spiraea douglasii (Hardhack) Treatment		
Applicant	City of Bellevue		
Contact	Jammie Kingham		
Mailing Address	450 110th Ave NE, Bellevue, WA 98004		
E-mail	jkingham@bellevuewa.gov	Project Start Date:	Sep-21
Phone	424-452-6048	Project End Date:	Dec-22

Please provide detailed budget information below. Itemize categories such as supplies, contracted services with footnotes and detailed descriptions below

Budget Item	KCD Funds	Other Funds	Other Funds	Total
		<i>(identify source and status of matching funds here ex. Rose Foundation - Pending)</i>	<i>(identify source and status of matching funds here ex. DON Small and Simple - Secured)</i>	
Salaries & Benefits				\$0
Travel/ Meals/ Mileage (for - volunteers, staff)				\$0
				\$0
				\$0
				\$0
Office Supplies				\$0
				\$0
				\$0
Field Supplies				\$0
Contracted/ Professional Services	\$35,000			\$35,000
Permits				\$0
Other: <i>(specify)</i>				\$0
Other: <i>(specify)</i>				\$0
Other: <i>(specify)</i>				\$0
Other: <i>(specify)</i>				\$0
Other: <i>(specify)</i>				\$0
TOTAL	\$35,000	\$0	\$0	\$35,000

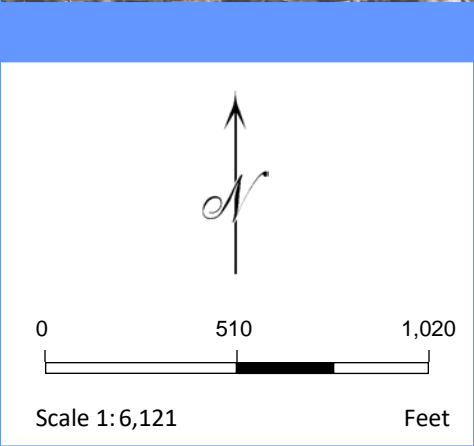
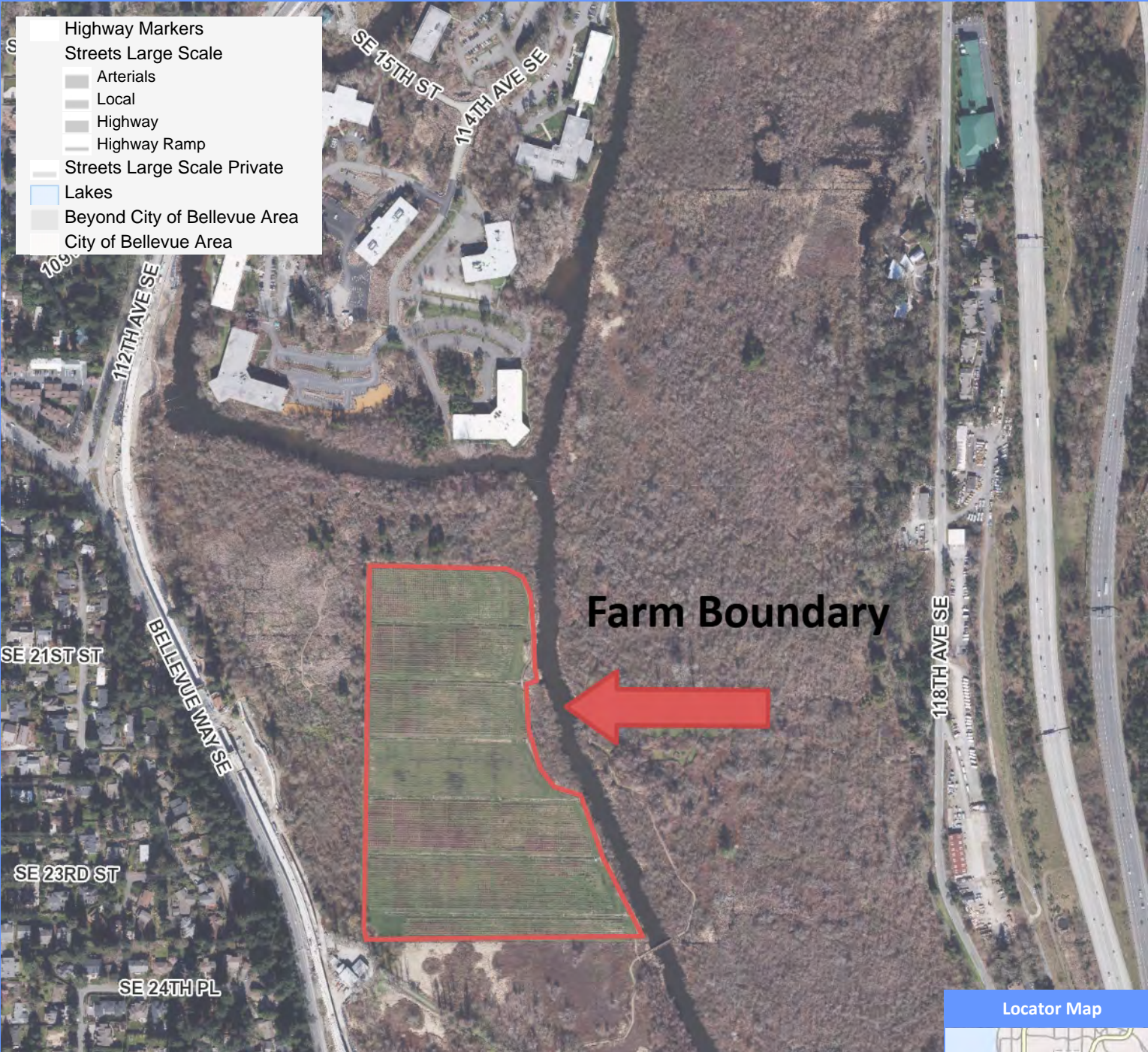
Total Project Cost	\$35,000
Total Match	\$0
Amount of KCD Funding Requested	\$35,000
Match Percentage	0%

Footnotes:

Overlake Farm Boundary



- Highway Markers
- Streets Large Scale
- Arterials
- Local
- Highway
- Highway Ramp
- Streets Large Scale Private
- Lakes
- Beyond City of Bellevue Area
- City of Bellevue Area



The City of Bellevue does not guarantee the information on this map is accurate or complete. The City of Bellevue and its employees and officials make no warranties.

Photos of hardhack canes growing within blueberry plants





2020 Stormwater Outreach

Member Jurisdiction Grant Program

Sammamish

Lisa Werre
801 228th Ave SE
Sammamish, WA 98075

Ashley Hill

ahill@triangleassociates.com

FollowUp Form

Member Jurisdiction Grant Program - Completion Date Extension Request #1

The purpose of this form is to request an extension to the stated completion date on the application.

Multiple completion date extensions have been granted, but are discouraged. It's recommended that you extend your completion date to include 2-3 months more than you think you will need to complete the project and reporting requirements. Please select a new completion date that won't likely require another extension request.

Please contact Jessica Saavedra by phone (425) 282-1906 or email Jessica.Saavedra@kingcd.org with questions.

Project Title*

2020 Stormwater Outreach

Decision Date

03/09/2020

Extend the Project Completion Date*

Select the length of time you wish to extend the completion date to.

Extend the completion date beyond 90 days but less than one year

Project End Date

This is the original completion date provided in the application.

12/31/2020

Extended Completion Date #1*

Please add the date you would like to extend to.

07/31/2021

Reason for Completion Date Extension Request*

Provide a brief explanation for your request to extend the completion date.

On behalf of the City of Sammamish, Triangle Associates will continue to complete work for this grant until the end of July. The COVID-19 pandemic influenced school and community outreach in 2020-2021 so there are still funds available for these tasks.

APPROVAL SECTION TO BE COMPLETED BY KCD

Authorized Signature of Approval, King Conservation District



Regional Food System Grant Program Agreement Amendment Request

Instructions: To request an amendment to your Grant Award, complete this form and submit it to the King Conservation District. You will receive a written response back from the District either approving or denying the request. Attach any supporting documents you think will aid the review of your request.

Grantee: Viva Farms
Project Title: **Breaking Ground: Removing Barriers in Food Production through Tractor Training and Increased Farm Efficiency**
Agreement Year: 2021

Request to Amend Grant Award in the following manner (check all applicable categories and provide details in space provided below or attachments where indicated):

- Change the Project Completion Date from to
- ☐ Extend project up to 90 days past original completion date
 - ☐ Extend project in excess of 90 days past original completion date
 - ☐ Extend project due to permit and/or construction delays
 - ☐ Other (e.g., matching funds delayed)

- Change the Project Scope of Work (attach completed Scope of Work Revision Detail form)
- ☐ Increase scope of work at same funding level
 - ☐ Decrease scope of work at same funding level
 - ☐ Other (describe and provide explanation below)

- Change the Project Budget (attach completed Budget Revision Detail Form)
- ☐ Reallocate funds among awarded budget item(s) within 10% of total grant award
 - ☐ Reallocate funds to new budget item(s) within 10% of total award
 - ☒ Revise budget in excess of 10% of total grant award
 - ☐ Other (describe)

- Other Category of Revision
- ☐ Change applicant/principle partners without change in scope of work and funding level
 - ☐ Other (describe and provide explanation below)

Describe the proposed amendment, identify how the new proposal differs from the awarded grant, and provide the reason/justification for the request (attach additional pages if more space is needed).

We propose to reallocate \$2,039 (10.2% of total grant award) from staffing to project equipment to cover the actual cost difference of the tractor we purchased for the project. We conducted a thoughtful farmer stakeholder engagement process that informed the specifications for the tractor we needed to meet the needs of our diverse incubating farm businesses. With those specifications, Viva Farms conducted a lengthy (four months) and thoughtful procurement process, including active monitoring of used tractor listings, due diligence and negotiation. Ultimately, the tractor we identified that met our specifications, was reasonably priced for its condition, was relatively geographically close in neighboring Oregon (compared to others located in the Midwest or other parts of US which would cost much more to transport), was a brand for which we could easily acquire parts and access maintenance, cost slightly more than we anticipated. The tractor is now on site and ready to support our farm operations, training and technical assistance for beginning farmers. Thank you for considering this budget amendment request.

Authorized Signature, Grantee

Date

6/23/21

Secondary Authorized Signature (as needed)

Date

- ☐ Request approved
- ☐ Request denied (see attached for explanation)
- ☐ Additional information requested (see attached for requested information)

Authorized Signature, King Conservation District

Date



Regional Food System Grant Program
Budget Revision Detail Form

Revised Project Budget: Use the tables below to compare the awarded project budget to the proposed revised project budget.

Grantee: Viva Farms
Awarded Project Budget (same as grant application budget)

	KCD Funds	Other Funds (cash match)	Total (by line item)
Salaries and Benefits	\$6,412.00		\$6,412.00
Travel/Meals/Mileage			\$0.00
Office/Field Supplies			\$0.00
Contracted/Professional Services			\$0.00
			\$0.00
Permits			\$0.00
Other- Project Equipment	\$11,813.00		\$11,813.00
Other	\$172.00	\$10,000.00	\$10,172.00
Indirect Costs- Overhead	\$1,603.00		\$1,603.00
TOTAL (by source)	\$20,000.00	\$10,000.00	\$30,000.00

YTD Expenditures (same as information in most recent Expense Report-
YTD actual expenditures)

	KCD Funds	Other Funds (match)	Total (by line item)
Salaries and Benefits	\$2,437.48		\$2,437.48
Travel/Meals/Mileage			\$0.00
Office/Field Supplies			\$0.00
Contracted/ Professional Services			\$0.00
Permits			\$0.00
Other- Project Equipment	\$13,852.00		\$13,852.00
Other		\$10,000.00	\$10,000.00
Indirect Costs- Overhead	\$586.70		\$586.70
TOTAL (by source)	\$16,876.18	\$10,000.00	\$26,876.18

Proposed Revised Budget

	KCD Funds	Other Funds- Cash Match	Total (by line item)
Salaries and Benefits	\$4,373.00		\$4,373.00
Travel/Meals/Mileage			\$0.00
Office/Field Supplies			\$0.00
Contracted/ Professional Services			\$0.00
Permits			\$0.00
Other- Project Equipment	\$13,852.00		\$13,852.00
Other	\$172.00	\$10,000.00	\$10,172.00
Indirect Costs- Overhead	\$1,603.00		\$1,603.00
TOTAL (by source)	\$20,000.00	\$10,000.00	\$30,000.00



King Conservation District Member Jurisdiction Grant Program Grant Agreement Close Out

Grant Summary Information

Recipient: City of Kirkland

Project Title: 2019 & 2020 Implementation of 20-Year Forest and Natural Areas Restoration Plan

Project Description: The City of Kirkland is working toward enrolling almost 500 acres of forested and other natural parkland in restoration and ongoing maintenance with the help of community volunteers by 2035. Funding will support restoration activities in 2019.

Funding Source and Year: 2018-19 KCD-Kirkland Member Jurisdiction Funds

Start Date: 01/01/2019

End Date: 12/31/2020

Date Awarded: 11/19/2018

Grant Budget Summary

Returned Funds:

Payment Summary

Award Amount:	\$29,993.75 +37,500.00 <u>\$67,493.75</u>	Amount Returned:	\$682.55	Amount Paid to Date:	\$60,130.08
Amount Spent:	\$66,811.20	Date Returned:	Unspent funds returned to Kirkland MJ funds	Final Payment Date:	\$6,681.12 After site visit and KCD signs this form

Amendment Request Summary:

Yes N/A Notes:

Scope of Work Revision: ☒ ☐ New activities added to the scope of work in September 2019 included contracted partners to manage and support volunteer events. This amendment request will increase the number of volunteer stewardship events in 2020, the acres enrolled in restoration and provide support for volunteers to keep enrolled acreage maintained thus protecting the multi-year investment in the restoration sites.

In April 2020, the City paused its volunteer programming and shifted focus to contracted services to accomplish its goals for acres in restoration (see attached program stats).

Budget Revision: ☒ ☐ \$37,500 in additional funding was requested

Completion Date Extension: ☒ ☐ Extended from 12/31/19 to 12/31/20

Copies of Work Product (check box or describe below)

- | | | |
|--|---|--|
| <input type="checkbox"/> Designs/Plans | <input type="checkbox"/> Brochures/Publications | <input type="checkbox"/> Curricula |
| <input checked="" type="checkbox"/> Photos | <input type="checkbox"/> Video | <input type="checkbox"/> Sign Mock-Ups |

Other:

KCD Acknowledgement: We have attached acknowledgement of KCD funding from the two previous progress reports including websites, newsletters and media coverage.

Site Visit

Date:

N/A: ☐

Description: *KCD staff met Kirkland staff at Edith Moulton Park and visited North Rose Hill Woodlands Park. These two, large parks served as examples of challenges and successes that the city faced implementing their restoration plans.*

Kirkland staff explained that in 2019, the work was done by EarthCorps crews and steward volunteers. They have 27 parks are considered in active restoration status. They had tremendous volunteer engagement (see final report stats below). They currently have 32 active stewards. Stewards get 8-10 hours training, city staff support and they lead other volunteers.

Two steward volunteers work at Edith Moulton Park. During 2020, social-distancing restrictions required smaller group work parties. Safety protocols for work parties were developed in partnership with EarthCorps and King County. EathCorps began leading small events of five people in the morning and five in the afternoon during August-December 2020.

Edith Moulton Park is larger than it looks from the entrance. It is 26 acres of mixed forest and wetland, with Juanita creek running through it. In 2017, the park underwent updates to the play structure and other park amenities.

The area at the park entrance where restoration work occurred used to be 90% covered in ivy, holly and black locust. During normal school years, this section of the site gets trampled by kids, so plants in this area have to be tough and well established. Kids built tents and forts which made it challenging for plants to establish. However, the resilient plants such as sword ferns and hazelnut survived and more will be replanted that are tough, yet kid-friendly (no thorns).

Parks usually gets these sites started by tackling the initial ivy removal with crews and then volunteers come in to do the detailed work of removing weed regrowth by hand. Crews are the only ones allowed to work along streams.

Numerous volunteer groups such as cub scouts, faith based, corporate and school groups participated in work parties in 2019.

Without large volunteer work parties in 2020, it has been difficult to move large volumes of mulch. Bucket brigades are lines of volunteers passing buckets of mulch from the mulch pile, down the line to restoration sites where the mulch is spread around the planting area.

Another challenge faced is invasive black locust trees. Parks can do chemical and manual treatment, but there are many of these invasive trees and they often require multiple herbicide treatments. Some of these dead trees can be left in place for habitat creating snags. To treat the trees with herbicide, they used an EZject lance with imazapyr or glyphosate bullets, depending on tree being treated. Animal browse from rabbits and deer has been a problem, but they have found caging the new plantings helps deter browse. They opted to not cage plants in highly visible, entrance areas for park aesthetics.

In several areas where invasive weeds were removed, native plants such as Pacific water leaf and bleeding hearts came back and are thriving. They have also had challenging weeds come in after the initial weed removal such as bindweed and buttercup.

Kirkland focused less on expanding restoration work to additional areas because capacity to plant large areas is limited and they didn't want to clear an area and have it fill in with weeds before they could install native plants.

KCD supports this idea and has experience with other cities that took on too much and were not able to keep up with the needed maintenance.

They did a sweep through the large, forested area to remove ivy, but there wasn't as much because of the well-established forested canopy cover. Additional invasive trees such as holly and laurel were treated with herbicide.

They recommend mapping a spot before starting work at a park.

When asked, staff said that there were some encampments.

Volunteers worked on a section of the forest that was covered in vinca and blackberry. Tree plantings were wrapped with wire cages to prevent animal browse in this less visible to the public area.

Kirkland regularly uses bare root trees, shrubs, and ground covers from the KCD plant sale! A large area covered with blackberry was cleared by crews and then worked on by volunteers.

They are considering moving toward hard signs instead of temporary ones. They will meet with community neighborhood associations for input. KCD recommends signs with project info and the KCD logo (the sprout logo they created is great!).

At North Rose Hill Woodlands Park, we learned that the site is 20.9 acres and used to be a dump and pig farm. It drains to Forbes creek. Work started in 2018-19 with large volunteer day events such as Earth Day and MLK day. As with most large parks, several sections of this park are in good shape, others need help. This park also has a combination of forest and wetland types. The primary challenge at this site is access and outreach. There is only street parking, limited restroom availability and the park is largely invisible from the road. They have not had consistent stewards volunteering at this park. Once you are in the park, however, there are large open spaces and a gazebo, which is conducive to holding socially distanced gatherings.

Restoration challenges include surge of secondary weeds such as bindweed and buttercup after initial weed control. This park is one of 4 parks with laminated root rot. There are invasive black locust trees at this park as well.

EarthCorps and **KCD crews** are doing work on steep slopes where it is unsafe for volunteers. UW Restoration Ecology Network students continue working in forested areas and in the upland area, where they planted lupines beneath power lines.

Because there is a well-established canopy cover, maintenance is easier and there are fewer large areas of weeds. Wildlife utilize the park and there are several habitat trees. There is a swampy-wetland area with a boardwalk where you can see cool skunk cabbage.

They planted a diverse mix of native plants in one section, but there has been a lot of animal browse, likely rabbits. Luckily, robust native plants such as thimbleberry, resprout vigorously after being browsed. Exclusion fencing was installed by crews. The planting area was formerly a mountain of blackberry bushes, taller than your average height person. Considering the previous state of the site, it looks great with densely planted native plants!

Overall, their plan for these parks is to keep in-filling with native groundcovers, shrubs and trees, with an emphasis on re-establishing conifer canopy cover, mulching, weeding, composting weeds on-site, where appropriate and continue utilizing their amazing volunteer base.

Planting Projects

Maintenance/Monitoring :

Needs to be tracked: ☐

Completed: ☐ N/A: ☐

Ongoing by the Green Kirkland Partnership program and crews

Reporting Summary: Yes No Notes:

Progress Reports: ☒ ☐

Expense Reports: ☒ ☐

Final Reports: ☒ ☐

Project Accomplishments and Successes

The KCD member jurisdiction grant program helped the Green Kirkland Partnership accomplish significant steps toward the project goals aligned with the City of Kirkland 20-year Forest and Natural Area plan in 2019 and 2020.

Project accomplishments/deliverables in 2019 – 2020 include:

- **Engaged 2,960 volunteers for over 14,777 hours in habitat stewardship and education on public lands at an estimated value of over \$473,300.**
- **Hosted 287 stewardship events** with public and group participation **across 27 park sites** in the City of Kirkland. This included **24 events** (of varying size and length) and **15 crew support days funded by KCD.**
- **Supported and maintained a team of 30+ Green Kirkland Stewards** to lead stewardship and engagement on our public lands.
- **Enrolled over 152 new acres into restoration while continuing to maintain and support a total of 259 acres enrolled in restoration.**
- **Planted over 9,990 native trees, shrubs and groundcovers.**

With KCD's investment and support from 2009 through 2020, the City has made significant strides in restoring natural parklands through removal of invasive plants, replanting with native plant species, and maintaining these areas in restoration. A table summarizing the program accomplishments is attached and a customizable map of project sites can be found on our website: www.greenkirkland.org under the 'resources' tab.

The majority of natural area restoration work in Kirkland is accomplished by volunteers. This serves the dual goal to **engage and educate** the Kirkland community in habitat stewardship while also **restoring significant critical habitat on public land.** **The City does not have the staffing level to support all the volunteer activities and the partnership with the nonprofit EarthCorps funded by KCD has been key to support and manage larger volunteer events, provide event preparation days and to help recruit and educate volunteers.**

The year 2019 was a year of terrific success in many of our ongoing park sites like O.O. Denny, Crestwoods and Juanita Bay parks and we saw expansion into several new large park sites including Kingsgate Park and Edith Moulton Park with medium and large public stewardship events (50 – 150 volunteers). The latter two park locations are within the annexation area of 2015, a relatively new area for the City of Kirkland to manage, provide services and engage the community. **KCD grant funds allowed us to host events in these new areas.** By providing community engagement and habitat stewardship we have begun what will hopefully be many years of habitat improvement work led by the community.

In 2019, we had many **flourishing partnerships with corporate groups like Google, Cisco, Symetra, Philips Health Care** bringing teams of volunteers to stewardship events. These partnerships, coupled with local businesses like **PCC Natural Markets of Kirkland and Mercury Coffee** led to **both in-kind and matching donations that helped support the program with refreshments and restoration materials further leveraging KCD funds.** Non-profit partners, schools and service organizations were also key to program success, both by providing volunteers but also by promoting the cause of habitat stewardship to a broader and more diverse audience. We wrapped up 2019 with a celebration of partners and stewardship with our 5th annual Green Kirkland Day volunteer planting events. Key to successful partnerships has been support from KCD to provide events and from the City of Kirkland to provide staffing to maintain long-term relationships with partners.

If the year 2019 was defined by traditional benchmarks of program success and high engagement numbers, the year 2020 was defined by program flexibility, innovation and a focus on sustaining program operations. KCD funding support was critical during the pandemic to ensure we could

develop new systems and safe operations while still accomplishing significant progress toward the 20-year plan.

At the start of the pandemic the City of Kirkland paused the group volunteer engagement offerings. Most of Green Kirkland projects and Steward sites are reliant on volunteer events to maintain the many acres enrolled in restoration over the years. With KCD's flexibility and approval the program was able to **shift and fund crew support days with EarthCorp. This helped backfill significant site maintenance and prevent backsliding on our investment in established restoration sites and natural areas.**

During this pause we found success in creating new systems with our partners at EarthCorps to safely re-start small stewardship events in time for fall. Despite the decrease in total volunteer participants we found that many volunteers invested more hours into the program resulting in significant progress at multiple sites. Additionally, **with the pandemic leaving many other volunteer options closed, we found more park neighbors willing to train to become new stewards and we enrolled two new park sites** into the program with their assistance. In several ways, the year 2020 gave us high quality and more intensive restoration results compared to 2019. Support for the program remains strong and **KCD support has been critical to provide our community with engagement options that sustain the health of our natural resources and the mental health and well-being of our community.**

The pandemic in 2020 also gave us the opportunity to upgrade some of our systems and practices including a new volunteer registration system and onsite safety steps that the program will continue to use and benefit from after the pandemic. In addition to innovating new systems, we found significant success in a few new approaches to stewardship and volunteer engagement.

Watering new native plantings and protecting them from browse damage are two significant challenges in our restoration sites. In 2020, we piloted a cistern watering project by deploying 15 cisterns to park spaces. Volunteers were then recruited to help water from these cisterns and staff could fill them quickly once per week. This help us meet a critical need, provided another volunteer engagement opportunity and freed up our staff time to address other issues. We also incorporated more browse protection and training into our fall planting events. With the help of KCD funding, our contractor led volunteer events were able to protect many (but not all) of the fall planting sites with City purchased materials.

We are grateful for the funding from KCD that made the success in our program possible and appreciate the multitude of ways that King Conservation District and the City of Kirkland can continue to partner to make our public lands healthier and more sustainable.

Regional Benefits

This project engaged over 2,960 volunteers to implement restoration over 250 acres of public land. The scope and reach of this project has many regional benefits including: reduced stormwater runoff, improved water quality, reduced erosion, improved air quality, enhanced wildlife habitat, reduced energy use, increased resilience to climate change, boosted local and regional economy, buffered noise, and strengthened communities that are more attractive and provide greater opportunity for health, wellness, and fitness of residents of all ages and abilities.

These benefits will be experienced most significantly in the Lake Washington-Cedar River Watershed (WRIA 8) which covers 692 square miles and is home to approximately 1.4 million people and two populations of Puget Sound Chinook Salmon listed as threatened under the Endangered Species Act. The work supported by this grant directly aligns with the WRIA 8 recommended salmon recovery actions which include protecting high-quality habitat and restoring additional habitat needed by salmon at specific life history stages such as spawning, rearing, and migrating. In addition to salmon recovery efforts, volunteers in this project are also assisting with the Woodland Park Zoo's Urban Carnivore project. The deployment of cameras and crowd sourced data has suggested that our natural areas enrolled in restoration are utilized by a wide range of mammals whose boundaries extend well beyond the City of Kirkland.

This project also directly aligns with WRIA 8 recommendations for community education and outreach which include raising public awareness of salmon recovery and building and sustaining an engaged public willing to take action in their community.

Obstacles and Challenges

One ongoing challenge for volunteer engagement was, and remains, the length and impact of the pandemic. One key engagement challenge is as we reach into new sites in Kirkland many are small and less appropriate for our model of medium and large volunteer events to accomplish the major initial invasive species control and planting. Two key ongoing restoration challenges at our sites is in the after-care of our native plantings with the ability to provide supplemental watering and protect the plantings from animal browse.

Small sites, small events and the pandemic: The traditional model of hosting medium and large events of 25 – 150 volunteers was/is an ongoing challenge during the pandemic. We adapted by hosting smaller events though this comes at a significant cost per volunteer hour as it takes the same staffing to host an event with 25 as it does with 5 volunteers. This is compounded by the additional time/costs incurred to follow the safety guidelines ranging from registration to cleaning. In the short term, we have adapted by offering smaller events at large sites with staff and stewards. After 2020 we will move away from hosting contracted events that were so successful in the past (in part because this service is also no longer offered by our partners) because the cost is so high per volunteer. We may move to a model of smaller events hosted more frequently by a dedicated staff person. This has the added benefit of building onsite relationships to cultivate volunteers into a leadership role at their local park. This change in the model may also help us maintain large areas that need only periodic maintenance and areas that no longer have dedicated volunteer steward. We also may return to offering larger events if post-pandemic conditions permit.

The issue above is compound by the condition of our new/remaining park sites. In many cases we have addressed the “low hanging fruit” (large, flat, drier sites) and as we expand into new/remaining park sites many are smaller parks but intensely impacted by invasive plant species and other site challenges like limited access or no parking. Many of the remaining project areas also have steep slopes, wetlands, streams, and other sensitive features. This makes volunteer stewardship in our traditional model much harder. During the pandemic we limited volunteer activities in some of these sites due to the inability to get enough space to safely operate. Other sites we will need to adapt with crew support, more intensive project supervision of volunteers, or smaller teams of dedicated volunteers where safe and allowable. This highlights that the model that generated great success of the program at the first sites will need to be adapted for the newer sites over the next 10 years.

Animal Browse: Anecdotally, the incident of browse or damage by rabbit, deer, voles and other mammals on our native plant installations has increased to the point of causing significant mortality at select sites. As an example, on one site, 60 of the 66 recently planted Douglas fir were so heavily browsed (likely rabbits) that they likely will not survive the first season. The cost for materials to protect against browse can be significant as is the time investment to install protection around the plants. The cause of browse can also shift. One site may have rabbits and voles browse initially but shift to deer buck rub as the plants get older/taller. Each cause may need a different solution, for example taller fencing or tree tip caps for deer versus short tight weave fencing or tubes for rabbits. To adjust we've allocated more budget to exclusion materials, have been training volunteers in exclusion techniques and have promoted testing by Stewards of new methods such as fencing, tubing and deterrent sprays and adjusting planting palettes or layout. This is an ongoing challenge that will continue to need to adapt to at our sites.

Watering: Supplemental watering for the first three years for a new plant installation where possible has been our standard for the last few years. Recently this effort is complicated by an increase in the spread of new sites across the city (greater transit time and cost) as well as the increase in hot, dry summer conditions sometimes extending well into fall. Watering is expensive in terms of time and equipment and **we still rely heavily on crew-based labor to water many sites. We have adapted by providing cisterns for volunteers at marginal sites and following up with heavier mulching at sites,**

though long-term we may need to consider new solutions as the climate continues to warm. We are also continuing to learn and take steps for climate adaptation at our sites but it is difficult to discern the best steps to take at our site scale.

Lessons Learned and Recommendations for Future Projects

The community is still eager to serve outdoors in natural areas and opportunities to engage in a meaningful way with the natural environment are more important than ever. The 'ripple effect' of volunteers serving with the program and exporting their knowledge and experience to their own private property is also likely greater during the pandemic. We learned it is possible to safely host events during the pandemic, but **it takes resources, time and dedicated effort to reconfigure and adjust the scale of programming.** We will incorporate our learning and news systems into our program and hope that similar volunteer programs can learn from the report written by EarthCorps submitted in our progress report.

We also learned that with some investment of time, training and materials volunteers can engage with site care in new ways such as watering, bare root planting and browse protection.

Our work in natural areas is a long-term investment requiring adaptive management. Some of the assumptions we made 10 years ago about how to accomplish restoration aren't necessarily as applicable to our newer sites. Future projects should always continue to evaluate their approach and ideally pull in site level specifics and experience to adapt the plan. In our case we're examining our steep slope, wetland and stream areas and how to best accomplish restoration with our mix of contractors, crews and volunteers. We appreciate that KCD has always been a strong partner in this learning and success over many years!

For 2021, Kirkland is taking advantage of KCD's crew services for Member Jurisdictions contracting with KCD's Urban Forestry Team to provide restoration services in areas difficult for volunteers.

I certify that the project has been completed, all expenditures have been paid, and the final report has been received by the District.

_____,
District Representative

Date: _____

I certify that the project has been completed, all expenditures have been reported, and the final report has been completed and submitted to the District.

_____,
Grant Recipient

Name:

Title:

Date: _____

Green Kirkland Partnership Summary of Achievements

Year	Number of Volunteers	Volunteer Hours	Volunteer Work Parties	Active Volunteer Stewards	Acres in Restoration					Total Native Plants Planted, incl. Trees
					New Acres Enrolled	Total Acres Enrolled	Phase 1	Phase 3	Acres Maintained	
2005	334	1,066	7	0	0.6	0.6				0
2006	237	651	11	0	0.5	1.1				0
2007	1,101	3,227	38	0	6.2	7.3				729
2008	1,439	3,406	55	0	2.7	10.0				1,611
2009	1,973	5,821	45	9	6.2	16.2				2,883
2010	2,228	10,220	123	17	5.8	21.9				3,326
2011	1,786	8,408	150	16	2.1	24.1				7,346
2012	2,164	9,401	168	22	12.1	36.1				5,979
2013	2,124	8,980	189	22	9.8	46.0			19.3	4,635
2014	2,380	8,936	227	26	11.5	57.5			20.3	5,251
2015	2,342	8,715	228	25	6.2	63.7			20.8	3,939
2016	2,331	10,046	244	29	17.3	81.0			39.0	5,832
2017	2,515	11,110	222	30	14.8	95.7			24.3	6,340
2018	2,181	10,515	227	32	11.4	107.1			41.2	4,337
2019	2,555	11,102	250	30	12.1	119.2			29.04	6,650
2020	405	3,675	37	29	140.3	259.5	156.4	103.1	19.70	3,268
Total to end 2020	28,095	115,279	2,221	n.a.		259.5	156.4	103.1	n.a.	62,126

VOLUNTEER IN KIRKLAND PARKS



Help build healthy forests and keep Kirkland green! Join the **Green Kirkland Partnership** to remove invasive plants and plant native plants.

All ages, all experience levels and large groups welcome. Tools, gloves and training provided.

GREEN KIRKLAND
PARTNERSHIP



MLK Jr. Days of Service

Friday January 18, 2019

Juanita Beach Park, 10am—1pm

Monday January 21, 2019

O.O. Denny Park , 10am—12pm

North Rose Hill Woodlands, 10am—1pm

Rose Hill Meadows , 10am—1pm



For more events and to register:
www.greenkirkland.org



VOLUNTEER IN KIRKLAND PARKS



Photo credit: Kris Rooke

We need **YOUR** help to build healthy forests and keep Kirkland green! Join the **Green Kirkland Partnership and EarthCorps** to remove invasive weeds, plant native plants and steward natural areas in City of Kirkland parks.

All ages, all experience levels and large groups welcome.

GREEN KIRKLAND
PARTNERSHIP



2019 FEATURED EVENTS (ALL EVENTS ARE FROM 10 AM - 2 PM)

- **Juanita Bay Park (East)**
Saturday, March 23
- **Edith Moulton Park**
Saturday, April 20
Earth Day Event
- **O. O. Denny Park**
Saturday, May 18
- **Kingsgate Park**
Friday, June 14
- **Edith Moulton Park**
Friday, September 13
United Way Day of Caring
- **Watershed & North Rose Hill Woodlands Parks**
Saturday, October 19
Green Kirkland Day
- **Everest Park**
Saturday, November 2
- **Crestwoods Park**
Saturday, November 16



For full event schedule and to register:

www.greenkirkland.org



VOLUNTEER IN KIRKLAND PARKS



Photo credit: Andrew Watson

We need **YOUR** help to build healthy forests and keep Kirkland green! Join the **Green Kirkland Partnership and EarthCorps** to remove invasive weeds, plant native plants and steward natural areas in City of Kirkland parks.

All ages, all experience levels and large groups welcome.

GREEN KIRKLAND
PARTNERSHIP



2019 FEATURED EVENTS (ALL EVENTS ARE FROM 10 AM - 2 PM)

■ ****NEW STEWARD ORIENTATION****

Saturday, September 28

Learn about Kirkland's urban forests and how to lead stewardship events in natural areas! Open to the public.

■ **Edith Moulton Park \ Juanita Beach Park**

Friday, September 13

United Way Day of Caring

■ **Watershed & North Rose Hill Woodlands Parks**

Saturday, October 19

Green Kirkland Day

■ **Everest Park**

Saturday, November 2

■ **Crestwoods Park**

Saturday, November 16



For full event schedule and to register:

www.greenkirkland.org



GREEN KIRKLAND DAY 2019



Kick-off Native Planting
Season Across Kirkland!



Saturday, October 19th

Event Locations:

North Rose Hill Woodlands Park 10am-2pm

9930 124th Ave NE · Kirkland, 98033

Watershed Park 10am-2pm

4500 — 112th Ave NE · Kirkland, 98033

Juanita Bay Park (East) 10am-1pm

2201 Market Street · Kirkland, 98033

Edith Moulton Park 10am-1pm

108th Ave NE & NE 137th Pl · Kirkland, 98034

Rose Hill Meadows Park 10am-2pm

8200 124th Ave NE · Kirkland, 98033



Volunteers will spend the day planting
and helping to grow native habitat.

No experience is necessary. Tools, gloves, and lunch provided!

SIGN UP TO VOLUNTEER AT: www.greenkirkland.org



[Home](#)[About Us](#)[Volunteer](#)[Donate](#)[Resources](#)

Inspired to give to a program that builds healthy community and healthy forests? You can have a direct impact and help us to continue to provide meaningful volunteer stewardship experiences for your community.

[Donate Now](#)

Individual Giving

Use the button above to give a one-time, individual gift online. Your gift will support Green Kirkland Volunteers with plant material, gloves, tools, and other critical supplies to restore your local natural areas.

Corporate Giving

Get in touch with Green Kirkland staff to **set up matching** donations via Benefity or other platforms; or make a one-time gift through our 501(c)(3) partners at the Kirkland Parks Foundation. Email greenkirkland@kirklandwa.gov for details.

Sponsorship & Corporate Partnership Opportunities

Looking to celebrate your brand or provide a little team-building for your company? From sponsorship packages and in-kind donations to a stewardship event just for your team - our program is supported by dynamic, forward-thinking partners like you!

Review our [Sponsorship Package Info Sheet](#) or contact us for ways that your company or team can participate.

Plant Donations

Green Kirkland Partnership can accept limited donations of native plant stock. Contact us via email for more details on the condition, sizes and drop-off options for plant material.

City of Kirkland Tax ID: #91-6001255

Our Sponsors

This program is made possible with support from these amazing sponsors.



Connect With Us

Do you have questions about the Green Kirkland Partnership or how you can get involved?



Having trouble viewing this email? [View it as a Web page.](#)



December, 2019



Plant a tree and thank a mycelium

Native planting season is in full swing - many thanks to those volunteers that joined us in November! A special thank you to the teams from the Juanita High Key Club, UW-Bothell and Edmonds Community College along with our many families and friends!

Recently, a student volunteer at O.O. Denny Park marveled at how they could see the fungal mycelium and 'fruits' (aka mushrooms) that they've been learning about in the classroom, popping up in the mulch all over our restoration sites. Talk about the power of hands-on learning - fungi are a key component of our forest ecosystem that breaks down woody debris! if not for our fungal friends we'd be drowning in wet, soggy wood. We encourage you to join us in the forest in December because you never know what you might see or experience.

<https://content.govdelivery.com/accounts/WAKIRK/bulletins/26f8503>

1/5

12/9/2019

Green Kirkland News for December

We still have native plants that need help finding new homes! Join us at **Cotton Hill Park on Saturday, December 7** or **Edith Moulton on Saturday, December 21** to help with planting and stewardship. See our [full event calendar](#) for more opportunities this late fall.

Join us for a Day of Service in honor of **Martin Luther King Jr. Day on Monday, January 20th**. Visit our [MLK Jr Day page](#) to pick your favorite site and register your team! Space is limited – sign-up early! This event is in partnership with [United Way of King County](#).



Join us in a natural area near you! Visit our [full event calendar](#) for all public events!

Monthly Events:

[Cotton Hill Park](#) – Saturday December 7, 9 a.m. – 11 p.m.

[Juanita Bay Park East](#) – Wednesday December 11, 10 a.m. – 12 p.m.

[Crestwoods Park](#) - Thursday December 12, 9 a.m. - 11 a.m.

[Edith Moulton Park](#) – Saturday December 21, 10 a.m. – 1 p.m.

[MLK Jr. Day of Service Events - January 20th, 2020](#)

Weekly Events:

[Most Mondays, 10 a.m. to 12 p.m. Edith Moulton Park in December](#)

[Most Wednesdays, 9 a.m. to 11 a.m. Cotton Hill Park](#)

[Most Fridays, 10 a.m. to 12 p.m. at Juanita Bay Park](#)

www.greenkirkland.org

Other Events:

Native Plant & Wildlife Walks: Eastside Rangers & Eastside Audubon

[First Sunday of every month at Juanita Bay Park - tours meet at the Kiosk at 1 p.m.](#)

King Conservation District Plant Sale

[Online Order Website](#) for March 14 pick-up with KCD

Thank you to our sponsors:

PCC Community Markets - Kirkland



King Conservation District



Kick off the planting season with City Council on Green Kirkland Day

October 7, 2019

Media Contact:

Kellie Stickney

Communications Program Manager

kstickney@kirklandwa.gov

(425) 979-6562

KIRKLAND, Wash. – On Saturday, October 19, you're invited to join the Kirkland City Council and the Green Kirkland Partnership in celebrating the thousands of native trees, shrubs, and groundcovers that volunteers plant across the more than 500 acres of natural areas in Kirkland every year.

Green Kirkland Day is an annual volunteer event that kicks off the planting season while also recognizing the tremendous contribution thousands of Green Kirkland Partnership volunteers make each year. Green Kirkland Day features events at five parks, including North Rose Hill Woodlands, Watershed, Juanita Bay East, Edith Moulton, and Rose Hill Meadows Park. A Kirkland City Councilmember will attend each event to welcome and thank the volunteers that are responsible for planting native trees, shrubs and ground covers; removing invasive plant species; and spreading wood chip mulch. No experience is necessary, and we encourage volunteers of all ages to join us. Register to volunteer at the event online at www.greenkirkland.org.

"Last year alone, Green Kirkland Partnership volunteers donated over 10,000 hours of volunteer time and planted over 4000 native plants," said Lynn Zwaagstra, Director of Parks and Community Services for the City of Kirkland. "Green Kirkland Day is an opportunity to thank our volunteers, celebrate Kirkland's natural areas and have fun with family and friends in the outdoors."

Volunteers are encouraged to dress for the weather in clothes that you don't mind getting dirty (warm layers and rain gear are encouraged), wear close-toed shoes and, and bring a filled water bottle. Tools, training, and gloves will be provided. Lunch will also be provided courtesy of our sponsors: REI, CLIF bar, PCC Kirkland, and Forterra. More information about volunteering is available on the Green Kirkland Partnership website. This event is made possible by King Conservation District and Earth Corps.

About the Green Kirkland Partnership: The Green Kirkland Partnership is an alliance between the City of Kirkland, nonprofit partners, businesses and the community to restore more than 500 acres of natural areas in the City. The majority of the restoration efforts are accomplished by our dedicated volunteers. These volunteers may join us just one time or volunteer over and over again. It takes everyone to restore our natural areas! The Partnership seeks to remove invasive plants from City parks and plant native species. Our Mission is to restore and maintain healthy forested and natural parklands by building a supportive community that works together to protect Kirkland's valuable natural resources for current and future generations. Achieving this involves training and supporting volunteers in restoration activities.

Crestwoods park trees get dressed up

While walking the paths at Crestwoods Park you may notice a curious sight - trees dressed up with blue 'skirts' and little 'hats'!

These trees are part of the effort to re-establish conifer cover in the park following invasive plant control. **The blue 'skirts' and 'hats' are actually a test, setup by Green Kirkland Steward Asher to reduce browse by rabbits and deer.** The blue tubes or 'skirts' are a common restoration material used to reduce herbivory from small mammals. The 'hats' are paper caps covering the new tree buds and are a low cost way to discourage deer from nibbling on the important leader or top shoot of the tree.



Many thanks to volunteer Asher for planning the project and monitoring the results! Our partners at EarthCorps hosted micro-planting events with funding support from the King Conservation District to support this project. After the plants have established and browse is less of a threat the materials will be removed and re-used.

A true partnership project to improve our forests!

Thank you to our sponsors:

PCC Community Markets - Kirkland



King Conservation District



VOLUNTEER IN KIRKLAND PARKS


 We need **YOUR** help to build healthy forests and keep Kirkland green! Join the **Green Kirkland Partnership and EarthCorps** to remove invasive weeds, plant native plants and steward natural areas in City of Kirkland parks. All ages, all experience levels and large groups welcome.

GREEN KIRKLAND PARTNERSHIP

Josten Park Events Spring 2020

Saturday March 7, 10 am—12pm

Saturday April 18, 10 am—12pm (Earth Month Celebration!)

Saturday May 16, 10 am—12pm

Park Address:
132nd Pl NE & Northeast 129th Street
Kirkland, WA 98034
North Juanita Neighborhood
15 min walk from Juanita High School



For full event schedule and to register:
www.greenkirkland.org






Upcoming Events



Stewardship Wednesdays at Juanita Bay Park

Join Green Kirkland Partnership to restore native habitat for owls, deer, and other wildlife at Juanita Bay Park - East!



Edith Moulton Park Monthly Stewardship Parties

Join Green Kirkland Partnership to restore Edith Moulton Park!



Care for the Forest at Josten Park

Join Green Kirkland for a day of forest stewardship at Josten Park!

This program is made possible with support from the King Conservation District and PCC Community Markets - Kirkland.



Figures 1-4. KCD acknowledgement included our monthly newsletter highlighting stories of funded work (2,300 subscribers), event fliers or promotional materials with logos and other web based media when possible



King Conservation District
Regional Food System Program
Grant Agreement Close Out

Grant Summary Information

Recipient: King County Department of Natural Resources and Parks

Project Title: King County Local food Facility Feasibility Study

Project Description: The King County Local Food Initiative (LFI) serves as a roadmap for strengthening the local food system and increasing access to healthy, affordable food for low-income communities. Key among the strategies is improving local food processing, storage, and distribution infrastructure, much of which no longer exists, needs improvement, or is not at a scale to meet the needs of small- and medium-sized farm and food businesses.

Since publication of the Initiative, a number of studies and surveys have been conducted across the region that support the need for additional food system infrastructure and capacity: commercial kitchen capacity (Port of Seattle, 2017); food business incubation (Food Innovation Network, 2016); produce processing (SnoValley Tilth, 2017); and cold storage (Neighborhood Farmers Market Alliance (2018)). Anecdotal evidence from farmers, food entrepreneurs, small food distributors, food processors, farmers markets, food banks, and food access and recovery organizations suggests that there is significant need for processing, packaging, dry and frozen storage, and transportation capacity, that if developed, could increase markets for locally produced products, and increase access to fresh produce in underserved communities.

This project sought to understand whether food system infrastructure needs of multiple categories of stakeholders could be successfully clustered in a facility to improve efficiency, and facilitate relationships that multiply food system impacts, increase social capital, and add to the overall viability of each initiative. The operating hypothesis was that by locating the facility close to the market, the operation would be more efficiently responsive to the gravity of demand through shortened outbound logistics and response times.

Funding Source and Year: KCD 2019 Rates and Charges

Start Date: 1/1/2019		End Date: 12/31/2020		Date Awarded: 11/18/2019
Grant Budget Summary		Payment Summary		Match
Award Amount:	\$25,215.75	Amount Paid to Date:	\$25,215.75	Cash Match: \$25,000.00
Amount Spent:	\$25,215.75	Final Payment:	\$0.00	In-Kind Match: \$

Amendment Request Summary:	Yes	N/A	Notes:
Scope of Work Revision:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Budget Revision:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Completion Date Extension:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Copies of Work Product (check box or describe below)

<input type="checkbox"/> Designs/Plans	<input checked="" type="checkbox"/> Brochures/Publications	<input type="checkbox"/> Curricula
<input type="checkbox"/> Photos	<input type="checkbox"/> Video	<input type="checkbox"/> Sign Mock-Ups

Other: King County Local Food Facility Opportunities Report, May 2020 <https://your.kingcounty.gov/dnrp/local-food/documents/2020-KCLFF-Opportunities-Report.pdf>

Local Food Facility Business Concept, October 2020 <https://your.kingcounty.gov/dnrp/local-food/documents/2020-LocalFoodFacilityBusinessConcept.pdf>



KCD acknowledgement: KCD staff served on the PAC that was involved in the development of the final work product. The District was recognized as a project funder in the distribution and publication of the reports to community partners.

Site Visit	Date:	N/A: <input checked="" type="checkbox"/>	
Description:			
Reporting Summary:	Yes	No	Notes:
Progress Reports:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Expense Reports:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Final Reports:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Activities Performed

Working with ECONorthwest, King County analyzed opportunities of a multi-purpose, shared use food facility for addressing the needs of community organizations, non-profits, and small food businesses in the [Local Food Facility Opportunities Report \(May 2020\)](#). The most significant opportunities include scaling up local food businesses to help small but established food businesses move from startup to a stabilized and consistent growth phase, and connecting small businesses with technical and financial resources. ECONorthwest also identified opportunities to strengthen partnerships and collaborative relationships as well as help relaunch the restaurant and local food sector in response to major economic damages due to the COVID-19 pandemic.

ECONorthwest and King County conceptualized this idea in the [King County Food Facility Business Concept Report \(October 2020\)](#). Analysis shows that the concept of a food facility in King County could be financially sustainable if executed under the right ownership and governance model, and provides recommendations for next phases. ECONorthwest determined that food facilities can flourish with thoughtful planning, strong partnerships, and creative funding.

Collaboration

The project was funded through a collaborative partnership between the Bullitt Foundation, King County DNRP, and King Conservation District.

To ensure that equity and inclusion were kept at the forefront, a project advisory committee (PAC) was formed that consisted of multiple individuals and organizations representing socially disadvantaged and/or unrepresented communities. The PAC met four times over the course of the project to provide input to the consultants and to review draft findings and publications.

Outcomes

Analysis and Understanding of Food System Users’ Infrastructure Needs

A literature review involved collecting information from feasibility and needs assessments, as well as infrastructure and value chain studies. From these, data and insights related to local food facility components in the region were collected (eg. commercial production kitchens, storage and distribution, value-added processing, and co-packing space).

In-person interviews provided additional detail and insight. Each interview focused on connectivity to the local food ecosystem, barriers affecting businesses, and support needed to enhance or scale businesses. Stakeholders interviewed represented local food actors in the hunger relief field, a local distributor, a local contract packer, local food producers, and a grocery store representative.

- Stakeholders stated the importance of a local food facility that brought together a wide range of services and facilitated coordination across different areas of the local food system.
- Affordability was a key component for users to take advantage of the local food facility.

- Strong relationships with peers, other actors in the food system, and mentors are crucial elements for the success of a food entrepreneur’s business.

Recommended Functional Content for a Local Food Facility

A conceptual model for a 50,000 square foot facility that contained the following elements was developed: production kitchen space, dry storage (warehouse space), cold storage, office space/meeting rooms, flex-/event space. This model was used to evaluate financial scenarios for developing and operating such a facility.

Research and survey responses indicated areas south of downtown Seattle as preferred locations for a new local food facility, including SODO, Rainer Beach, and South King County. Reasons given for these locations were proximity to farms, a diverse and growing population, access to highways and ports, and proximity to existing local food infrastructure.

Analysis of Financial Feasibility of a Local Food Facility

Analysis indicates the food facility concept could be financially sustainable if executed under the right ownership and governance model. Detailed cost estimates were developed; an operational analysis was completed; and implications of different development cost and operational scenarios on the potential users of the facility were conducted. The analysis concluded that “the economics of food facilities is such that acquiring an existing building, using donated land, sourcing outside grants or low-cost debt to finance capital costs, or a combination of those methods may be the only way to establish a financially sustainable facility.”

Identification of Possible Ownership and Organizational Structures

Ownership will play a major role in determining how the facility will be funded, and how it will operate. Several ownership models were studied, including non-profit ownership, for profit ownership, and public ownership. Specifically, the impact that each of these models would have on access to capital, financial exposure, and accountability were analyzed.

Recommendations for Next Steps

- Site selection and acquisition: Engage with real estate expert to identify potential sites and refine food facility concept.
- Stakeholder engagement: Continue to engage with stakeholders, foster commitments from public and private sponsors.
- Funding and financing: Develop a capital funding plan, identify an ownership structure and an operating model.

Problems or Delays

The project commenced in January of 2020 and was originally scheduled to be completed in six months but due to COVID, the work plan was delayed and modified to adapt virtual engagement and meetings with stakeholders.

Future Project Plans

The reports created by this project have jump started conversations related to separate but related food facility projects, one in the SODO neighborhood of Seattle and another in Kent. Both projects are now engaging stakeholders and analyzing specific sites for the development of multi-purpose shared use food facilities.

Funding Expended to Date

The budget for the project was \$50,000 of which the contributions from partner organizations were as follows:

King County Solid Waste:	\$12,500
Bullitt Foundation:	\$12,500
King Conservation District:	\$25,215.75

All project funding was expended in 2020.

Regional Benefits

The feasibility study reports have been utilized by organizations across the region contemplating development of food system infrastructure. One example is the Rainier Beach Action Coalition’s (RBAC) Food Innovation Center Project. Upon receiving the project reports, RBAC’s consultant reached out to King County to say that it was exactly the kind of work they were looking to have done. Instead of proceeding with a consultant, they utilized the information from project reports. In short, this project and the reports produced have served as a catalyst for moving food system infrastructure projects forward.

Lessons Learned and Recommendations for Future Projects

ECONorthwest’s reports provide specific recommendations for King County to improve the feasibility of a multi-purpose, shared use food facility in King County.

- The pathway to a new food facility needs a targeted focus that identifies specific ways to become a local food system asset rather than attempting to solve all food system problems.

- Stakeholder engagement is crucial for next steps in order to address community needs and foster commitments from sponsors.
- Engagement with demand side organizations is critical to success. These are the offtake partners that are the ultimate beneficiaries of the project, eg, grocers, restaurants, institutional buyers, etc. Having these organizations involved can ensure that enough product can get pulled through the new facility to make it economically viable.
- If financial accessibility is a core goal of the facility, then the facility must offer rents that are at the least affordable to tenants, if not deeply discounted from market rates. In order to do this, the County and partners must raise more in equity so that the remaining costs do not need to be financed and passed on to tenants to cover debt payments.

I certify that the project has been completed, all expenditures have been paid, and the final report has been received by the District.

_____,
District Representative

Date: _____

I certify that the project has been completed, all expenditures have been reported, and the final report has been completed and submitted to the District.

_____,
Grant Recipient

Name:

Title:

Date: _____



King Conservation District
Regional Food System Program
Grant Agreement Close Out

Grant Summary Information

Recipient: Goose & Gander Farm

Project Title: Addressing the Farm Infrastructure Gap (AFIG)

Project Description: The need for additional aggregation and cold storage has repeatedly been identified as a challenge that prevents small farmers from optimizing their production. This project directly addresses that need by constructing a shared aggregation, packing and cold storage space at Goose and Gander Farm (G&G) in Carnation. For two years G&G has served as a shared aggregation and packing site for several farmers and farm organizations. While its location (out of the floodplain) and ample space make it conducive to these activities, the current infrastructure is inadequate. This project upgraded the facility by repurposing an existing barn and converting it to usable aggregation, packing and cold storage space. These upgrades will allow G&G to serve as a shared space for aggregating, packing, and storing agricultural products to meet the immediate needs of Valley farmers, and provide flexibility and space for future growth and evolution of the participating support organizations.

Funding Source and Year: KCD 2017 Rates and Charges

Start Date: 1/1/2018		End Date: 12/31/2020		Date Awarded: 11/13/2017
Grant Budget Summary		Payment Summary		Match
Award Amount:	\$99,919.20	Amount Paid to Date:	\$89,928.00	Cash Match: \$44,340.99
Amount Spent:	\$99,919.20	Final Payment:	\$9,991.20	In-Kind Match: \$15,988.00

Amendment Request Summary:

	Yes	N/A	Notes:
Scope of Work Revision:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Budget Revision:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Completion Date Extension:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	6.30.2019 Extend project in excess of 90 days past original completion date (12/31/2018 to 9/30/2020). 8.31.2020 Extend project in excess of 90 days past original completion date (9/30/2020 to 12/31/2020).

Copies of Work Product (check box or describe below)

<input checked="" type="checkbox"/> Designs/Plans	<input type="checkbox"/> Brochures/Publications	<input type="checkbox"/> Curricula
<input checked="" type="checkbox"/> Photos	<input type="checkbox"/> Video	<input type="checkbox"/> Sign Mock-Ups

Other:



KCD was acknowledged as a funder of this project in the following ways: KCD and the Regional Food System Grant are acknowledged anytime we give tours of the new space or discuss the project in the community.

Site Visit	Date: 8.8.2017 and 9.27.2018	N/A: <input type="checkbox"/>
Description: Discuss plans and view improvements.		

Reporting Summary:	Yes	No	Notes:
Progress Reports:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Missed and delayed reports.
Expense Reports:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Final Reports:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Missed and delayed reports.
Accomplishments and Successes:			
Activities Performed: The work on the AFIG grant has been completed. We engaged with project partners to identify space needs, meet with and completed training from food safety experts, designed and produced the necessary documents to construct the project, procured bids for concrete and electrical work notperformed directly by G&G, constructed the project, and developed a work plan to facilitate smooth collaboration within the space.			
Collaboration: Project partners collaborated in the process by providing information on needs assessment for the space, donation of project supplies and materials, donation of work to support the construction process and donation of operator hours for the excavation work required to complete the project. This project could not have been completed without the support of project partners, community members, neighbors, friends, and professional colleagues.			
Outcomes: The four stated outcomes of the project are as follows: <ol style="list-style-type: none">1. Increase the aggregation, packing, and cold storage capacity in theSnoqualmie Valley.2. Create a shared use storage and aggregation facility that can be utilized by farmers and farm organizations throughout the valley.3. Streamline the food safety compliance requirements for farms and organizations aggregated in the space4. Increase the capacity of farms across Snoqualmie Valley to reach new markets.			
Problems or Delays: The project experienced delays over the period 2018 - 2020. Grant period amendments were awarded and the project has been completed successfully.			
Future Project Plans: The project has been completed and is ready to provide additional capacity to support agriculture in the Snoqualmie Valley starting this upcoming growing season and moving forward.			
Funding Expended to Date: To date, the project has expended over \$150,000, which includes the \$99,919.20 grant funding awarded through the KCD RFS program. The project was able to leverage a total of \$60,328.99 in matching funds, including \$44,340.99 in cash match and \$15,988.00 in in-kind match.			
Regional Benefits: The Snoqualmie Valley Farmers Cooperative has continued to operate on site and will be utilizing the expanded facility starting this growing season. The planned space for the Cascadia Cooperative has also been completed with the infrastructure in place and equipment located in the new facility, ready for use. With the new space becoming available, additional opportunities have come to light and we will continue to discuss how the space can be utilized to support additional agricultural related organizations & businesses. No arrangements have been entered into with additional organizations yet, but we will keep KCD update if additional benefits arise, beyond those anticipated in the initial grant submission.			
Lessons Learned & Recommendation for Future Projects: Always double or triple how long you estimate a construction project will take. Completing work yourself could save thousands of dollars and create a larger benefit for the same limited grant dollars, but isnot always the solution to expedite a project. Don't be afraid to communicate long schedule durations up front, if that is what is needed to stretch the grant funds further and create that larger community benefit in the long run.			

<i>I certify that the project has been completed, all expenditures have been paid, and the final report has been received by the District.</i>	<i>I certify that the project has been completed, all expenditures have been reported, and the final report has been completed and submitted to the District.</i>
_____	_____
District Representative	Grant Recipient
Date: _____	Name: _____
	Title: _____
	Date: _____



HAY BARN - EXISTING CONDITION



HAY BARN - EXISTING CONDITION



HAY BARN - EXISTING CONDITION



HAY BARN - EXISTING CONDITION



HAY BARN - EXISTING CONDITION



HAY BARN - EXISTING CONDITION (CLEANED OUT)



HAY BARN - INTERIOR FRAMING FOR SHEAR WALL



HAY BARN - INTERIOR FRAMING FOR SHEAR WALL



HAY BARN - INTERIOR FRAMING FOR SHEAR WALL



HAY BARN - START OF DIAGANOL SHEATHING
FOR SHEAR WALL



HAY BARN - DIAGONOL SHEATHING FOR
SHEAR WALL



HAY BARN - FRAMING FOR TRANSVERSE
SHEAR WALL



HAY BARN - DIAGONAL SHEATHING FOR TRANSVERSE SHEAR WALL



HAY BARN - DIAGONAL SHEATHING FOR
TRANSVERSE SHEAR WALL



HAY BARN - FRAMING REPLACEMENT & SHEATHING AT EXTERIOR SHEAR WALL



HAY BARN - FRAMING REPLACEMENT & SHEATHING AT EXTERIOR SHEAR WALL



HAY BARN - SHEATHING AT EXTERIOR
SHEAR WALL





















