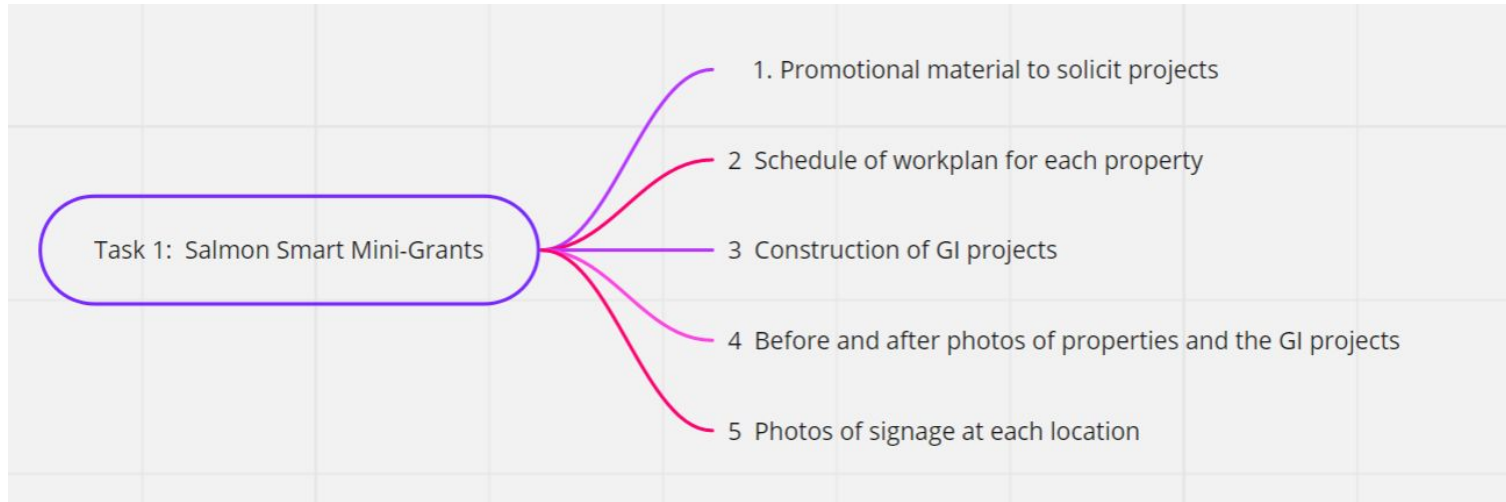


Salmon Smart

Task 1 Reporting
3/31/2021

TASK 1: SALMON SMART MINI-GRANTS

Projects for installation include permeable pavers, grass mesh, flow through planters, storm water trees, swales and rain barrels. The project's capacity of up to \$1,500 anticipates contributions from the owner (\$500), city (\$500) and DEC (\$500). Tanana Valley Watershed Association will process applications from homeowners and business owners for a small scale initiative targeted toward Fairbanks-area residents. TVWA will award the mini-grants which will be reimbursed up to \$1000 for constructing a green infrastructure application on their property.

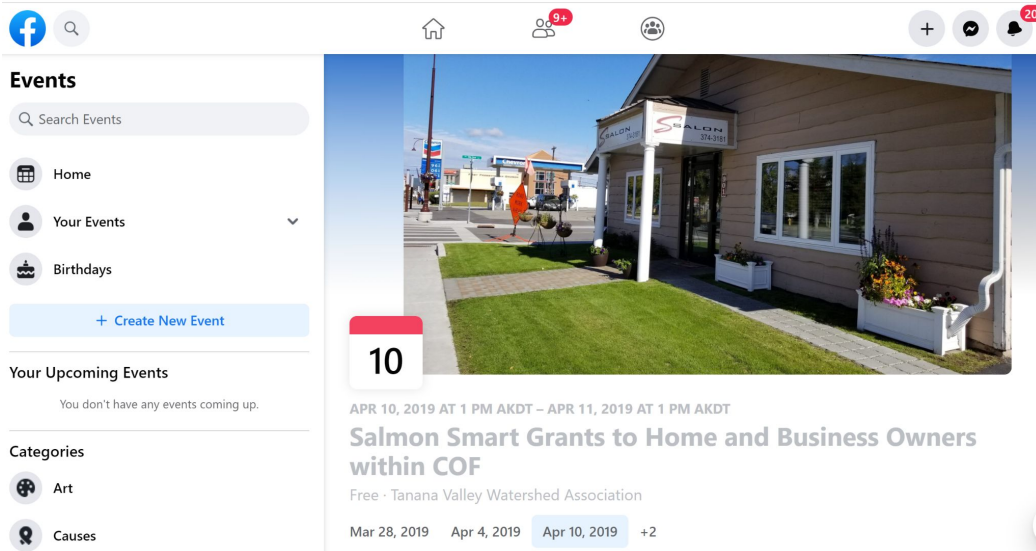


1. Promotional - TVWA conducted outreach to home and business owners to apply for a project
2. Workplan - S Salon and four residential locations were awarded
3. Construction - One rain garden, two grass mesh driveways, one rain barrel and one water catchment
4. Photos - See report
5. Signage - Was installed at the business location, though residential was delayed due to COVID, \$2,000 prepayment credit remains at Arctic Fire and Signs awaits installation 2021

TVWA's Webpage: [Salmon Smart Program — Tanana Valley Watershed Association \(twatershed.org\)](https://www.twatershed.org)

Promotional material to solicit projects:

- Facebook Event March 21 & 28 and April 4 & 10, 2019: [Salmon Smart Grants to Home and Business Owners within COF | Facebook](#)
- eblast to all Fairbanks GIG members
- Meeting announcements at FSWAC & CRFC
- Downtown Association email blast



The screenshot shows a Facebook event page. At the top, there are navigation icons for home, a group of 9 people, and a group of 20 people. Below the navigation is a search bar for events and a sidebar with options: Home, Your Events, Birthdays, and a '+ Create New Event' button. The main content area features a large photo of a building with a sign that says 'SALMON SMART GRANTS'. Below the photo is a calendar icon with the number '10' and the dates 'APR 10, 2019 AT 1 PM AKDT - APR 11, 2019 AT 1 PM AKDT'. The event title is 'Salmon Smart Grants to Home and Business Owners within COF' and it is listed as 'Free' by the 'Tanana Valley Watershed Association'. At the bottom, there are date selection options: 'Mar 28, 2019', 'Apr 4, 2019', 'Apr 10, 2019', and '+2'.



Cynthia Nelson <cynthia.tvwa@gmail.com>

Downtown News

1 message

Downtown Association of Fairbanks <info@downtownfairbanks.com>
Reply-To: Downtown Association of Fairbanks <info@downtownfairbanks.com>
To: twatershed@gmail.com

Thu, Apr 25, 2019 at 6:44 AM

Keep up-to-date on what's happening downtown.

[View this email in your browser](#)

SAVE THE DATES

Friday, May 10 – Downtown Trivia Night FUNdraiser for downtown at 200 1st Avenue, doors open at 5 and play starts at 5:30.

Thursday, May 16 - Downtown Block Party from 5 - 9 PM

Thursday, June 20 - Downtown Block Party from 5 - 9 PM

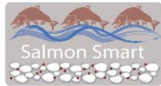
Sunday, June 23 - Midnight Sun Festival from noon - midnight.

GREEN INFRASTRUCTURE AND SIDEWALK ART The Tanana Valley Watershed Association is again offering funding to help property owners (and perhaps tenants) install [salmon smart green infrastructure](#) to divert water from the storm drain system by, for instance, making walkways permeable and greening the edges of parking lots or sidewalks. TVWA is also inviting artists to the 2019 [sidewalk art competition](#), which uses art to show the link between storm drains and river water quality. Submission deadline is April 30. Art installs June 1.

Promotional material to solicit projects:

2019 Salmon Smart Grants to Home and Business Owners within the City of Fairbanks

Green Infrastructure Grants Available! Deadline to apply is April 10, 2019. Tanana Valley Watershed Association is NOW accepting applications from homeowners and business owners in the downtown Fairbanks area to receive up to \$1,000 grant.



Residents of Interior Alaska play a critical role in maintaining our state's salmon populations by protecting local water quality and stream habitat. Being a salmon-smart neighbor means making good choices for our streams, rivers, wetlands, and lakes.



Rain Garden (Photo credit: S. Salton)



Rain Barrel (Photo credit: S. Salton)



Permeable Pavement (Photo credit: S. Salton)

S Salon at 901 Cushman Street is a featured Salmon Smart Business, demonstrating a variety of Green Infrastructure installations.

Green infrastructure practices include: rain gardens, green roofs, porous/permeable pavements, infiltration planters, trees and tree boxes, downspout disconnects, and rainwater harvesting (rain barrels) for non-potable uses such as gardening and lawn irrigation.

Why: Tanana Valley Watershed Association in partnership with the City of Fairbanks, Fairbanks Metropolitan Area Transportation System, and Alaska Department of Environmental Conservation are working to expand green infrastructure projects and public awareness in the Fairbanks area as part of our Salmon Smart program.

What: We will select at least five (5) local property owners to participate in the installation of green infrastructure projects on their properties (i.e. building a rain garden, installing a rain barrel, etc.).

Who: Selected applicants will receive up to \$1000 in materials, equipment rental, and/or labor toward their project. In return, the applicants would contribute a 33% match (up to \$500) with a maximum project total of \$1500.

When: The application period is open March 12 - April 10, 2019. Selected projects will be announced on April 19th.

For more information contact...

Tanana Valley Watershed Association

Attn: Cynthia Nelson
909 Cushman St Suite 205
Fairbanks, AK 99701
Phone 907.374.8890
cynthia.twva@gmail.com
www.fairbanksigig.com

2019 Salmon Smart Grants to Home and Business Owners within the City of Fairbanks

Application Selection & Reimbursement Process

- Applications will be accepted by TWVA through April 10, 2019.
- Individual applications will be reviewed and a minimum of five (5) will be selected to participate in the green infrastructure program (additional projects will be selected if funding allows).
- If selected, the award will include up to \$1000 per application for materials, equipment rental, and/or labor with up to \$500 from the property owner, for a project total of \$1500.
- Application selection will be based on suitability of project type, and adherence to the minimum criteria below.
- Selected applicants will be notified on or before April 18, 2019.
- Not all applications submitted will be selected to participate in the reimbursement program.

Minimum Criteria

- Project must be located on a property located within Fairbanks City Limits.
- Runoff from property must discharge to the storm drain system.
- Owner must be willing to keep installation in working order for a minimum of 3 years.

Applicant Name _____ Phone _____
Mailing Address _____ Fairbanks, AK 997__
Email _____

Physical Address of Property _____

Green Infrastructure Application (check all that apply)

- Rain Barrel Vegetated Swale Grass Car Park Tree Pit
 Rain Garden Permeable Pavement Infiltration Planter Riparian Buffer

Project Description: (Additional pages can be submitted to include sketches or photographs)

Applications may be submitted in person at TWVA 909 Cushman Street, Suite 205 or emailed cynthia.twva@gmail.com



For questions, Cynthia Nelson can also be reached by phone at 907.374.8890. www.twwatershed.org

- March 2019 Press Release and hanging flyers.
- March 22-24 Homeshow Booth



This project has been funded wholly or in part by the United States EPA under assistance agreement number 00J64604 to the Department of Environmental Conservation through the Alaska Clean Water Act (ACWA) program. The contents of this document do not necessarily reflect the views and policies of the EPA, nor does the EPA endorse trade names or recommend the use of commercial product mentioned in this document.

Salmon Smart Applicants Tracking list

| Property ID | Name | Email | Physical Address | GI Items | Decription |
|-------------|-----------------------|--|-------------------------|---|--|
| A | Melania Stoeber | mcstoeber@gmail.com | 833 4th AVE. FBKS, 9970 | Rain Barrel, Permeable Pavers, Grass Car Park, Infiltration Planter | I plan on putting a rain barrel on the down-spout off the southeast corner of the arctic entry. Two infiltration planters, both on the west side of the house (northwest and southwest respectively). For my parking area, which is off of |
| B | Kathy Richmond | kathy.e.richmond@gmail.com | 4437 Wood River Dr. FBK | Rain Barrel, Vegetated Swale, Grass Car P | I live on Dead Man's Slough on Wood River Dr. I am interested in 2, maybe 3 rain barrels to collect water for my organic garden of raised beds. I am also interested in a grass car park for the parking area in front of my house. I have not |
| C | Michelle Westmoreland | mwestyinak@yahoo.com | 524 Juneau Ave. FBKS, | Rain Barrel, Rain Garden | rain barrels for my garden |
| D | Stephaine Jump | sjump@alaska.edu | 1700 Crestline Drive | Rain Barrel, Rain Garden | I would like to install rain barrels to collect water for my garden along with plant native plants on sloped areas to prevent erosion. |
| E | Chuck Kuhns | cmkuhuns@alaska.edu | 1945 Becker Ridge FBKS, | 2-Rain Barrel, 2-Rain Garden, 2-Infiltration Planter | |
| F | David Hite | davehite@acsalaska.net | 1364 Shuros Dr. FBKS 99 | Rain Barrel, Rain Garden | |
| G | Lois Armentor | loisasus@hotmail.com | 3154 Bacchus Ct. NP 997 | Rain Barrel, Infiltration Planter | Build six planters for a garden and flowers |
| G | Kevin Scltweisthal | thephonedude@hotmail.com | 3154 Bacchus Ct. NP 997 | Rain Barrel, Infiltration Planter | Build six planters for a garden and flowers |

Before and After Pictures: S Salon

This downtown business has implemented multiple green infrastructure projects including: rain barrels, flow-through planters, and permeable pavers to help rain water soak into the ground on their property. S salon wanted to expand their green infrastructure to include a rock rain garden around there rain barrel and infiltration planters. The infiltration planters were not both connected to a gutter spout. We purchased another infiltration planter, and installed permeable pavers as a base for the planter to sit on. The infiltration planters area was constructed into a rain garden set up to help with rainwater runoff.



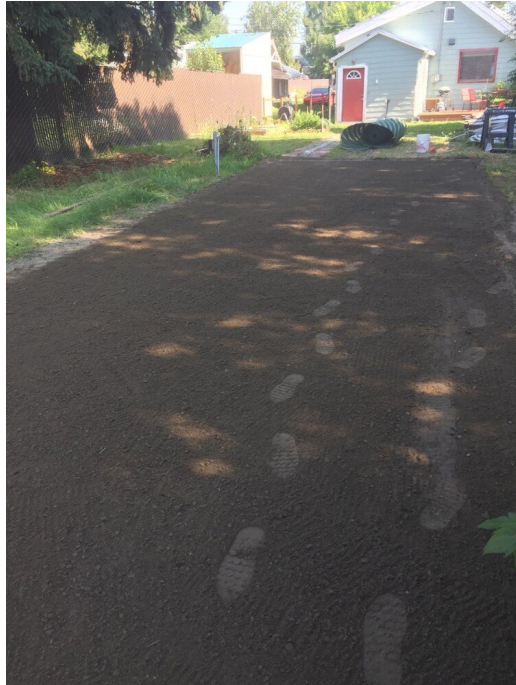
Before and After 5th

The property owner had a dirt driveway that was rutted and uneven along their yard. The parking area was leveled to fill in ruts and reestablish sloping for drainage. A landscaping mesh was installed to add structure to the parking area. After installation the area was hand seeded with a mix of Alaska grass seed and then hydro seeded two weeks later.



Before and After 4th

At this property the owner was parking their car in the yard, resulting in large ruts due to the soil having no structure to support the weight of the vehicles. The project began by leveling the parking area and filling in existing ruts. A plastic grass mesh surface was installed to add structure to the parking area. After installation the area was hand seeded with a mix of Alaska grass seed and then hydro seeded two weeks later to improve stabilization of the mesh.



Wood River Drive

The property owner had been using trash cans on two of the homes installed gutter spouts and wanted to add a rain barrel to a gutter spout coming off their back porch. A 75 gallon rain barrel with debris screen was installed on the west side of the home. A stand using blocks was built to raise the barrel approximately 2 feet off the ground. This allowed the homeowner the ability to connect a 4 inch house to the on/off valve at the bottom of the barrel and water the surrounding grass using gravity. There is an overflow tube at the bottom of the barrel where a hose is attached. The homeowner can install another rain barrel to this tube to capture additional water. At the time of installation the homeowner chose to attach a garden hose to the overflow tube to reach her flower beds.

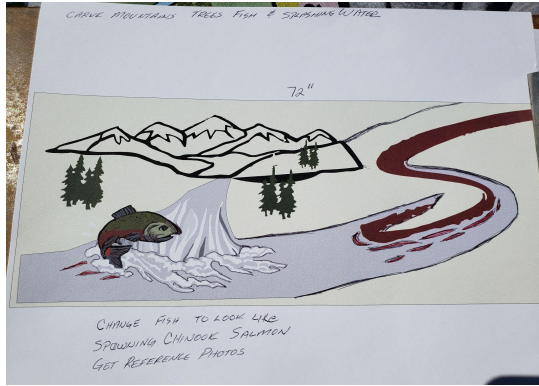


Juneau Avenue

The property owner already had rain gutters on the north and south side of their home and took advantage of the Salmon Smart program to install a rain catchment system to water their lawn. A 500 gallon Poly tank was installed to store water captured by rain gutters in place on the south facing side of the home. Big thanks to Greer Tank and Welding and Irrigation Alaska for their help and donations to this project.



Signage S Salon



Signage residential locations

Salmon Smart Partnerships:

This partner is working to keep our watershed healthy for salmon to thrive.



Salmon-Smart Practices with Green Infrastructure:



- Control Erosion
- Minimize Storm Drain Pollutants
- Protect & Enhance Stream Banks
- Irrigate Efficiently
- Promote Native Biodiversity

Green infrastructure filters stormwater and snow melt which allows the water to soak into the ground instead of traveling through the underground storm drain system to the Chena River.

This keeps the Chena river and its tributaries clean and safe for people, fish, and wildlife.



GREER, INC.

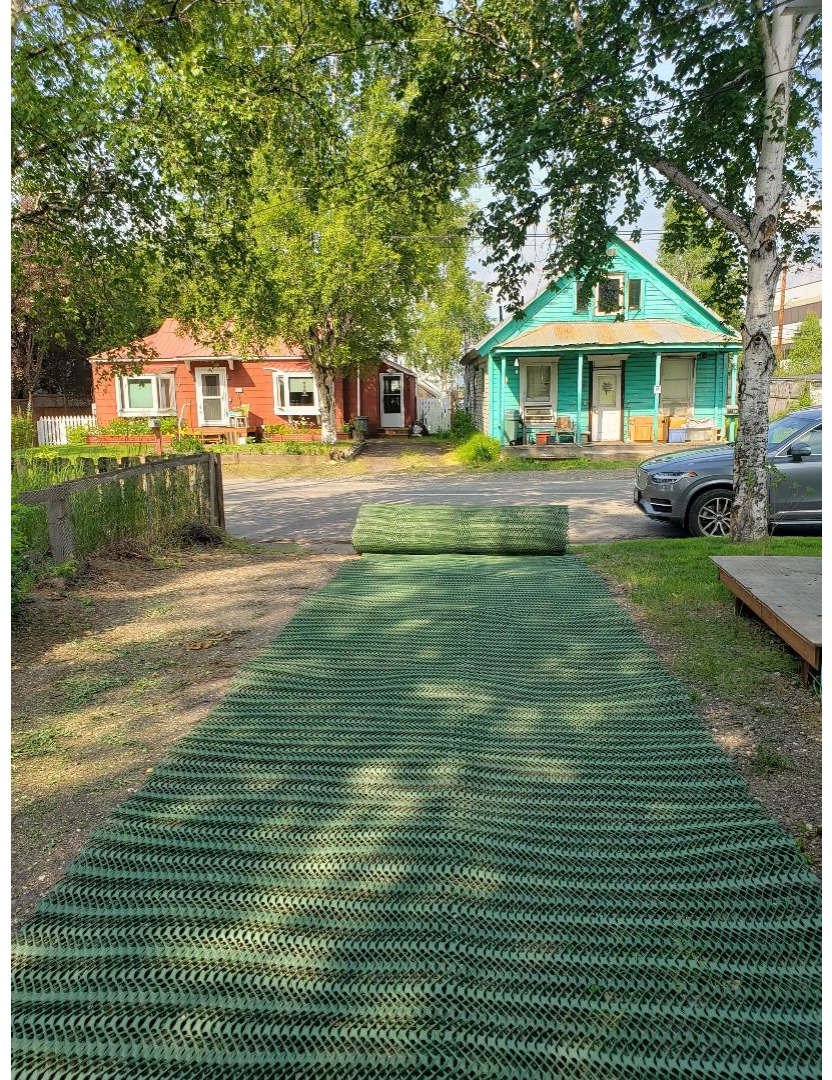


This project has been funded wholly or in part by the United States EPA under assistance agreement number 00J84604 to the Department of Environmental Conservation through the Alaska Clean Water Actions (ACWA) program. The contents of this document do not necessarily reflect the views and policies of the EPA, nor does the EPA endorse trade names or recommend the use of commercial product mentioned in this document.

Green Mesh Lessons Learned:

Good Green Mesh worked @ 4th Avenue

Soil and Water Mesh did not and had to be removed from 5th Avenue House





Project Funding

This project has been funded wholly or in part by the United States EPA under assistance agreement number (00J84604) to the Department of Environmental Conservation through the Alaska Clean Water Actions (ACWA) program. The contents of this document do not necessarily reflect the views and policies of the EPA, nor does the EPA endorse trade names or recommend the use of commercial product mentioned in this document.

