



Foodlands

CORRIDOR RESTORATION

s̓ce:łx^wə́yəm

Corridor

s̓ce:łxwə́yəm is hən̓q̓m̓iṇ̓əm for Salmon River.
Translation provided by knowledge keepers and speakers from Kwantlen and Katzie Nations.

s̓ce:łxʷəy̓əm Corridor

s̓ce:łxʷəy̓əm (Salmon River) is a tributary of the st̓al̓əw¹ (Fraser River), located in the traditional territories of the of the Kwantlen, Katzie, Semiahmoo and Matsqui Nations. These communities have historically used this area as a trading route and for harvesting various traditional foods.

Rivershed is implementing a Foodlands corridor on the s̓ce:łxʷəy̓əm, which aims to create a corridor of restored natural areas that reflect the diversity of values the land represents, both from a western farming perspective and from a traditional hunting and gathering perspective.

Project Goals:

- 1 Restore species-at-risk habitat on the s̓ce:łxʷəy̓əm through the removal of invasive species, endemic replanting, building bat and owl boxes, creating off-channel wetlands and creating a robust riparian buffer.
- 2 Cultivate cross-cultural understanding of Indigenous food systems and land management at the direction of səy̓er̓n̓ Qwantlen and Kwantlen First Nation through the planning, implementation, and maintenance of the project site.

¹st̓al̓əw” is the həŋq̓əmiñəm word for the Fraser River. həŋq̓əmiñəm is the Downriver dialect of Halkomelem; one of many Indigenous languages spoken across the Fraser Watershed.

s̓ce:łxʷəy̓əm Site 2



s̓ce:łxʷəy̓əm Pilot Site



s̓ce:łxʷəy̓əm
(Salmon River)

Glover Road

Highway 1

s̓ce:łxʷə́y̓əm Pilot Site

Our Restoration Vision



Off-Channel Habitat

A network of sculpted, finger-like channels provides wetted habitat for several at-risk aquatic species.



Riparian Planting

Enhanced river edge planting increases bank stabilization, reduces erosion, regulates water temperatures and provides food and shelter for multiple species.



Livestock Fencing

Restricting livestock in the riparian zone improves water quality, reduces erosion, and encourages the growth of riparian vegetation.



Bank Stabilization

Installation of wood posts, large woody debris and cedar branches mitigate extreme water currents and deposits sediment to build up the bank.



Maintenance

Habitat restoration success is dependent on long-term maintenance, management, and monitoring to track habitat response and inform learnings.

s̄ce:łx^wə́ȳəm Site 2

Our Restoration Vision



Key Features

Marsh Restoration

Deepening the marsh and removing plant debris increases oxygen levels, regulates water temperature and provides refuge for aquatic species. The creation of a cobble channel ensures year-round safe fish passage.



Riparian Planting

Enhanced river edge planting increases bank stabilization, reduces erosion, regulates water temperatures and provides food and shelter for multiple species.



Maintenance

Habitat restoration success is dependent on long-term maintenance, management, and monitoring to track habitat response and inform learnings.

Township of Langley Site
(Under review)

Funded Sites
(Completion 2022)
Riparian planting

Under Review

Site 2 - HWI Funded Site
(Completion 2022)
Marsh restoration

Pilot Site - HWI Funded Site
(Completion 2022)
Off-channel wetted habitat

Funded Site
(Completion 2022)
Riparian planting

Lots
7959, 7935, 7911

Lot
7887

Lot
8000

Lot
7894

Crown Parcel

s̓c̓e:łx̓w̓əy̓əm
(Salmon River)

Highway 1

Glover Road

● - Future landholder outreach

▭ - Restoration Properties

s̓c̓e:łx̓w̓əy̓əm Corridor Future Sites

"s̓c̓e:łx̓w̓əy̓əm" is the hə́nq̓əmiḥəm word for Salmon River.

A Completed Corridor

- ① Provides healthy terrestrial and aquatic habitats which support a diversity of native species including plants, fish, birds, mammals and more.
- ② Removes harmful invasive species that outcompete and displace native species.
- ③ Supports plants and animals that are traditionally harvested by local Indigenous communities.
- ④ Upholds the inherent rights for Indigenous people to practice traditional land stewardship.
- ⑤ Weaves traditional ecological knowledge (TEK) and western scientific to inform land restoration and management practices.
- ⑥ Provides a corridor where everyone and everything can thrive, achieve, and sustain the highest level of health and well-being.

sc̓e:txw̓əyəm
(Salmon River)

Highway 1

Future Goals

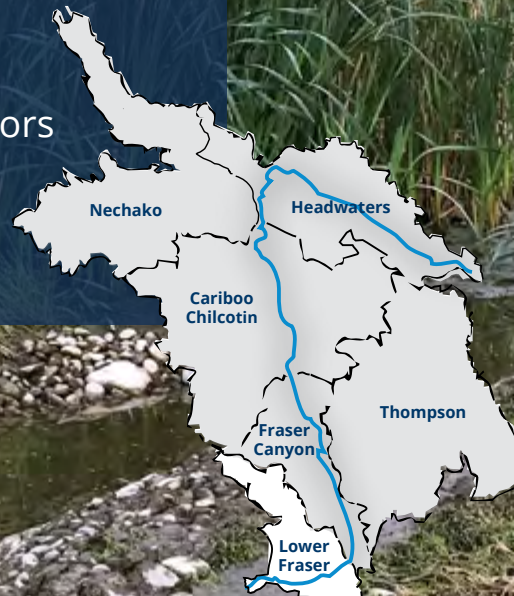
Protect Our Investment

Secure sustainable funding for multi-year maintenance and management of foodlands corridors.



Establish Regional Corridors

Expand the Foodlands Corridor Restoration Program across all six regions of the watershed.



Foodlands

CORRIDOR RESTORATION

A program of:



In collaboration with:



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For more information email justine@rivershed.com

Photo: Al Jonsson