



City Forest Credits

Afforestation and Reforestation Project Application

INSTRUCTIONS: Provide information about how the project meets the eligibility criteria as outlined in the City Forest Credits (CFC) Afforestation and Reforestation Protocol Version 12. Submit a draft application in word format to CFC before signing the final version. Include a map of the project area with the application. All project information will be shared on the public-facing project webpage on the Carbon Project Registry.

1. Project Name

For example: Ballinger Open Space Planting Project

Deschutes River Floodplain Restoration Projects (River Mile 21 & Surgeon Creek Plantings Combined)

2. Project Operator

Provide the name of organization/entity and contact information for the Project Lead

Organization/Entity: South Puget Sound Salmon Enhancement Group

Address: 6700 Martin Way E, Suite 112

City: Olympia

State: WA

Zip: 98516

Contact(s): Cole Baldino

Phone: 360-464-0004

Email: Coleb@spsseg.org

3. Project Location

Project must be in or adjacent to one of the following. Describe which one of the criteria the project meets and provide name of city, town, or jurisdiction where project is located.

- *Urban Area or Urban Cluster boundary per U.S. Census Bureau*
- *Boundary of any incorporated or unincorporated city or town*
- *Boundary of any planning area for a regional metropolitan planning agency or entity*
- *Within the boundary of land owned, designated, and used by a municipal or quasi-municipal entity for source water or watershed protection*
- *Within a transportation or utility right of way through one of above*

The Project Area includes two planting sites:

Both planting sites are within the planning boundaries of the Thurston Regional Planning Council, a regional metropolitan planning organization.

4. Project Description

Provide short narrative of the overall project goals, location where trees will be planted, land ownership or eligibility to receive credits, approximate number of trees or acres, main tree species, and project timeframe.

The project goals are to reconnect and reforest 15 acres of floodplain habitat surrounding the Deschutes river and its tributaries. South Puget Sound Salmon Enhancement Group (SPSSEG) planted native trees adjacent to the river bank all the way to the valley wall or extent of the floodway. The landownership is currently private, being owned by a private HOA and private land trust who is holding the protected property in perpetuity. Both landowners intend to sign the Agreement to Transfer credits document to transfer carbon credits rights to the SPSSEG as part of this carbon project. The total number of planted per acres was approximately 3,500/acre, consisting of mainly deciduous floodplain species such as willow, cottonwood, alder, Oregon ash, white oak, serviceberry, red-osier dogwood, ocean spray, nootka rose, and Oregon grape. Conifer species such as Douglas fir, western red cedar, and western hemlock were also planted. The majority of the trees were installed during the winter of 2023, with the area being completed spring 2024.

5. Project Impacts

Provide short narrative of the environmental, social, and health impacts this project will achieve. Examples include how the project addresses increased access to green spaces for under-resourced communities, flood control or watershed protection, benefits for human health and wellbeing, improved recreation opportunities, or protection of bird and wildlife habitat.

The benefits of this project range from biological and ecosystem uplift, to environmental justice for underserved communities. First, this project will provide wildlife food, forage and habitat for terrestrial and avian species. This project will also impact aquatic wildlife by reforesting the riparian area which filters stormwater runoff and pollutants, provides shade on the river that decreases summer high water temperatures, and provides a future recruitment of instream habitat. The reforestation and reconnection of a floodplain will provide downstream flood reductions through floodplain storage and a decrease in stream velocities and instream flow. Lastly, the Deschutes river is a Usual & Accustomed area for the Squaxin Island Tribe, who rely on the watershed for culture and sustenance. This project will benefit salmon populations and other important species to the tribe's culture and economy.

6. Planting Design and Quantification Method

Provide short narrative about the planting design and quantification method you will use for the project. Refer to Protocol Appendix A for more detail.

- *Single Tree Quantification Method: trees planted in a dispersed or scattered design that are planted at least 16.5 feet apart (i.e. street trees). This method requires tracking of individual trees and tree survival for sampling and quantification.*

- *Clustered Quantification Method: trees planted at least 16.5 feet apart but are relatively contiguous and designed to create canopy over an area (i.e park-like settings). This method requires tracking change in canopy, not individual tree survival.*
- *Area Reforestation Quantification Method: tree planting areas greater than 5 acres and where many trees are planted closer than 16.5 feet. Higher tree mortality is expected and the goals are to create canopy and a forest ecosystem. Project Operators have several quantification models to choose from, all of which produce a carbon index on a per-acre basis.*

The Project plantings are consistent with the Area Reforestation Planting Design and Quantification Method. Plants were installed less than 16.5 feet apart in clustered plant circles instead of rows.

7. Additional Information

Provide additional information about your project. If the Project is part of a larger program or planting effort, include one sentence with more information. Examples include collaboration with other partners or how this project fits into a regional initiative.

The registration of this project is being done with support from Bonneville Environmental Foundation's Carbon Credit Regional Operator Program, an initiative funded by the Environmental Protection Agency's National Estuary Program.

8. Map

Provide a map of the Project Area.

See attached

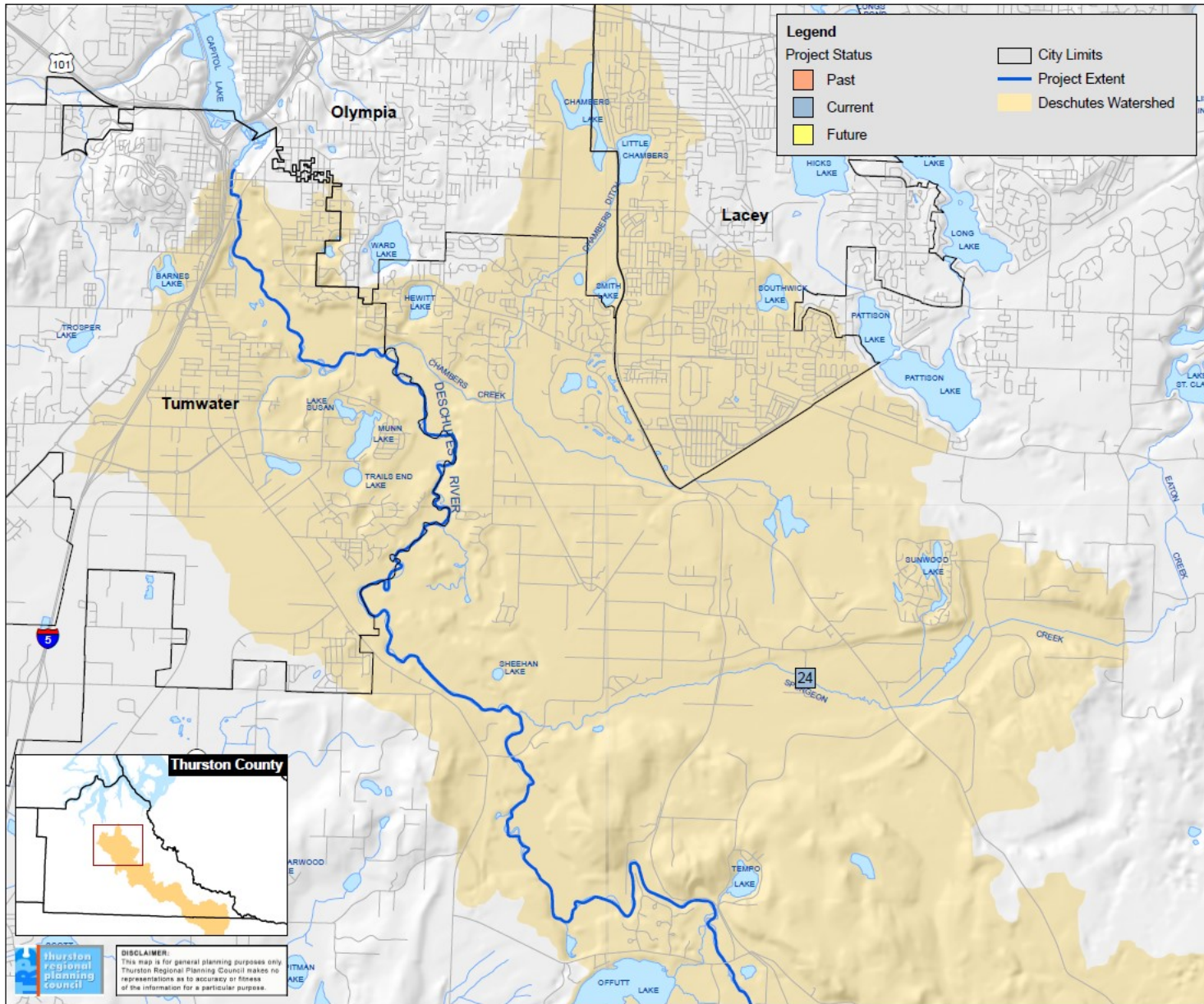
Signed on [insert month and date] in 2024, by [insert name and title of person authorized to sign], for [insert Project Operator name].

Signature

_ Cole Baldino _____
Printed Name

_ 360-464-0004 _____
Phone

_ Coleb@spsseg.org _____
Email



Deschutes River Watershed Lower Deschutes Projects

Past Projects

24. Fox Hill HOA Spurgeon Creek Planting

Deschutes River Watershed Middle Deschutes Projects

Projects

33. Deschutes River RM 21 Restoration

