



Pierce Conservation District Reforestation Program – 2020 Planting Validation Report Year 6

Document Prepared by City Forest Credits

June 29, 2026

PROJECT OVERVIEW

<i>Project Name</i>	Pierce Conservation District Reforestation Program – 2020 Planting
<i>Project Registry Number</i>	007
<i>Project Type</i>	Tree Planting
<i>City Forest Credits Protocol Version</i>	Version 6, August 11, 2018
<i>Project Start Date</i>	March 8, 2021
<i>Project Location</i>	Puyallup, WA and South Prairie, Pierce County, WA
<i>Project Operator</i>	Pierce Conservation District

SUMMARY

State what stage of crediting this Validation Report applies to (i.e. after planting, Year 4, 6, or 26). Provide a few sentences about the overall project. Include the Planting Design and Quantification Method.

For the original 7.65-acre South Prairie Creek project area (due to flooding, the South Prairie Creek total project area decreased by 0.35 acres, and is now 7.3 total acres), and for the 1.37-acre Peck Riparian project area, a planting density of 401 plants/acre was used to plant 3,720 trees, using the riparian planting design. Based on the version of the protocol when the project started, Planting Protocol Version 6, the riparian method was available. Moving forward the project will be monitored using aerial imagery, per the cluster planting method; the initial crediting quantification method aligns with the cluster method. The trees were planted throughout the sites on an average of 10' spacing.

For the Year 6 credit issuance, the Project Operator conducted a plot sample inventory to evaluate tree establishment across the 8.67-acre Project Area.

DATA COLLECTION AND CARBON QUANTIFICATION

Carbon Quantification (Section 9 and Appendix B)

Criteria

Project Operator must follow the data collection and quantification methods outlined in Appendix B of the Protocol.

Issue Validated

Project Operator used the riparian planting design and quantification method (updated to the Clustered method), per Registry guidance provided to the Project Operator at the time of initial crediting. CFC will monitor this project via aerial imagery, and the quantification method remains the same. Project Operator determined canopy growth via high-resolution drone imagery uploaded to ArcGIS. A random point sample was analyzed in ArcGIS, to determine current canopy cover. Project Operator collected 150

points at the Peck Riparian site, and 250 points at the South Prairie Creek site. Project Operator found tree cover to be 23.98% across the two sites, overall, which is greater than the 11.5% canopy cover goal required for Year 6.

Additionally, though 0.35 acres of the South Prairie Creek site was lost due to the creek shifting and migrating, this only accounts for about 3.77% of the total trees planted, which is well under the 20% mortality rate that was built into the project at the initial crediting stage. Due to the random point sample canopy cover results, and despite the 0.35-acre reduction in project area, Project Operator did not need to adjust their total credits.

The Carbon Quantification Summary is as follows:

Total number of trees planted	3,720
Project area (acres), if applicable	8.67
Total number of trees per acre, if applicable	~401
Credits attributed to the project (tCO ₂ e)	6,037
Credits after mortality deduction (20% or insert observed mortality, if greater)	4,829
Contribution to Registry Reversal Pool Account (5%) (tCO ₂ e)	241
Total credits to be issued to the Project Operator (tCO₂e)	4,588
Total credits requested to be issued in Year 6 (30% of above)	1,376

GHG Assertion: Project Operator asserts that the Project results in GHG emissions mitigation of 4,588 tons CO₂e over the 25-year Project Duration. Project Operator asserts that per Protocol guidelines, 30% of Project GHG emissions mitigation is issued at Year 6, or 1,376 tons CO₂e.

Co-Benefits Quantification (Section 9 and Appendix B)

Criteria

Project Operator must follow the co-benefit quantification methods for rainfall interception, air quality, and energy savings.

Issue Validated

Project Operator has followed the co-benefits quantification method using the templates provided by City Forest Credits. The following table documents the quantified ecosystem services in resource units and avoided costs per year when Project Trees reach 25 years old.

Ecosystem Services	Resource Units	Value
Rainfall Interception (m ³ /yr)	19,413.73	\$142,522.88
Air Quality (t/yr)	-0.7020	\$1,411.65
Energy: Cooling – Electricity (kWh/yr)	40,447.86	\$2,070.93
Energy: Heating – Natural Gas (kBtu/yr)	125,341.13	\$1,426.84
Grand Total (\$/yr)		\$151,136.15

VERIFICATION REPORT

CFC reviewed the Verification Report dated June 26, 2026 by Brian Goodall to ensure it accurately reflects the documentation contained in the Year 6 Project Design Document Amendment and supporting documents.

VALIDATION CONCLUSION

I attest that all the information provided in this validation report is free of material misstatement, to the best of my knowledge. The project complies with the validation criteria outlined in the City Forest Credits Standard and Tree Planting Protocol Version 6.

Approved by City Forest Credits on June 29, 2026.