



Pierce Conservation District Reforestation Carbon Program – 2020 Projects Monitoring Report

Project Operator Name: Pierce Conservation District

Project Name: Pierce Conservation District Reforestation Carbon Program – 2020 Projects

Project Location: 13518 Pioneer Way E, Orting, WA 98360 (South Prairie Creek Preserve); 47.188821, -122.323909 (Peck property)

Deadline to Submit to CFC (annually from the date of the first Verification Report): 9/21/2023

1. **Has the contact information for the Project Operator changed? If so, provide new contact information.**

N/A

2. **Have there been changes in land ownership of the Project Area?**

N/A

3. **Have there been any changes in the Project Design?**

N/A

4. **Have there been any changes in the implementation or management of the Project?**

N/A

5. **Have there been any significant changes to the site (such as flooding or human changes)?**

There have been significant changes to the site. Between October 2021 and March 2022, multiple flooding events resulted in the loss of approximately 0.55 acres of the original 7.65 acres in the project design. Additional flooding events and natural hydrologic processes have expanded this initial loss of area to approximately 0.75 acres.

6. **Have there been any significant tree or canopy losses estimated to be greater than 10% of Project Trees or 10% of canopy?**

There has been significant tree loss in the project area. As stated in the previous question, there were major flooding events which substantially affected the project area, and these events caused damage to the installed plants due to high flows over planting areas and washouts. Additionally, the heat dome event of summer 2021, in addition to prolonged summer droughts in recent years damaged many plants from heat stress and lack of water. Some areas that are especially high/dry with rocky soils were affected greatly, while others with better access to

moisture had a higher survival. Overall, it is estimated that there has been a 40% loss of trees since the original planting. PCD will continue to infill and replant areas to offset these losses.

7. Do you anticipate future canopy loss (such as a new pest or disease issue found)?

N/A

8. Any other significant elements to report?

N/A

Signed on September 21st 2023, by Ryan Bird, for Pierce Conservation District.

Ryan Bird

Signature

Printed Name

Phone

Email