

## Cliffdale Meadow Revegetation Report: Spring Update June 2023

This report is an update on the 100 trees and shrubs planted in spring 2022. With the drought, several saplings died and were replaced later in the fall. The map from the original plan shows locations of tree plantings, primarily grouped in 5 areas within the orange and red zones to streamline watering (figure 1).

## Revegetation Plan



Figure 1: Cliffdale meadow restoration area with proposed revegetation sites for each option



Plant species included in the revegetation can all be found in the attached spreadsheets, including initial planting heights, tree number, and location. Any trees that died are marked on the spreadsheet, along with the height and species of the replacement planting. Pictures below are research technicians measuring the tree and shrub heights. Some height changes decreased from the Spring measurements, which is largely attributed to minor dieback of the higher growths. Once more established, these plantings will be less impacted by extreme weather fluctuations. We plan to replant the trees/shrubs that died off between fall 22 and spring 23 during the fall planting season for optimal establishment. Last Fall 6 trees and 5 shrubs were planted. Of the established plants there was an average growth increase of 17% per plant, some of which were as high as 81% height growth change.



