

Fiscal Year 2017-2018 at a Glance

The data in these graphs are for 7 of the 28 active Healthy Streams Program sites that had plant densities and survival rates measured in September 2017. The conditions and outcomes reflected do not, therefore, represent the full range of sites.

Figure 1:
Project acreage by watershed

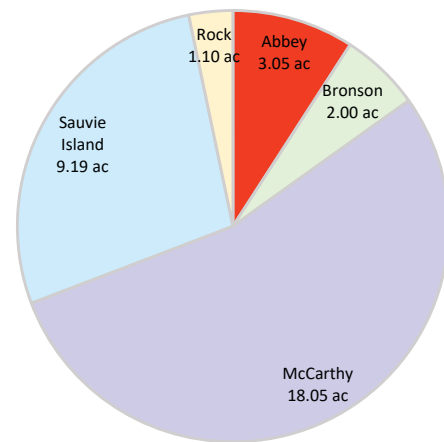
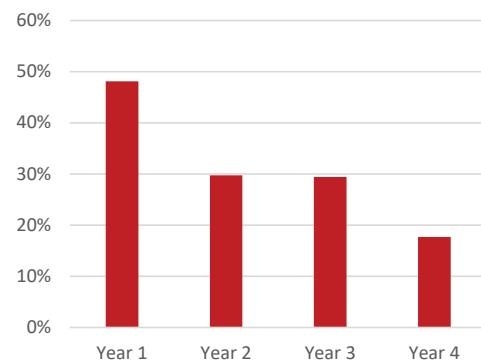
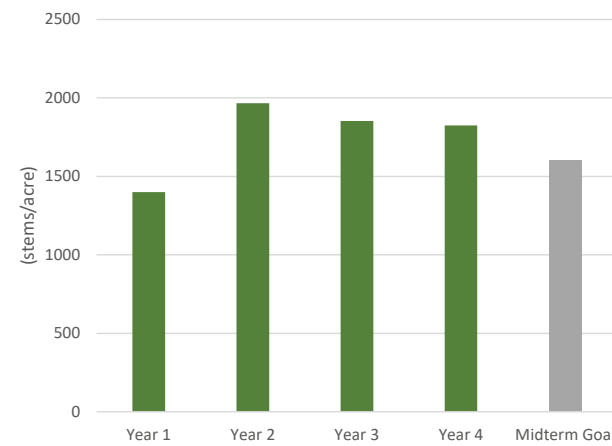


Figure 2:
Percent cover for target invasive weeds



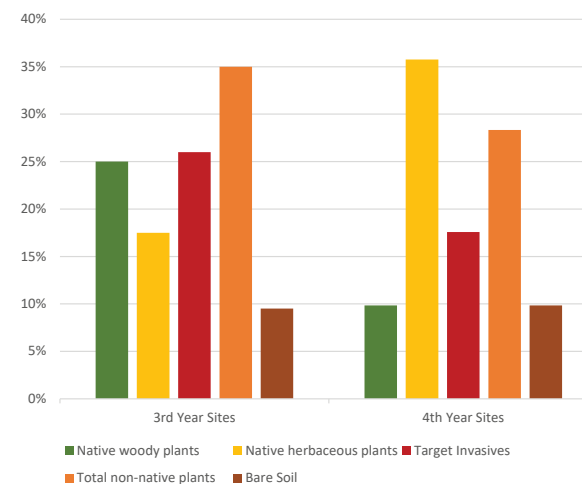
The 4 to 5 year goal of each project is less than 50% non-native / weed cover.

Figure 3:
Native trees and shrubs per acre



The 4 to 5 year goal of each project is at least 1600 native woody plants per acre.

Figure 4:
Percentage cover for all vegetation types found on the project sites.



The 4 to 5 year goal of each project is at least 60% native woody cover and less than 50% total non-native cover. While the native woody stem density noted above in Figure 3 meets our goal, the individual plants are young and, therefore, don't yet create much "canopy" cover.



HEALTHY STREAMS PROGRAM

Annual Accomplishments Fiscal Year 2017 – 2018

To learn more about the Healthy Streams Program contact:

Kammy Kern-Korot, Senior Conservationist, kammy@wmswcd.org, (503) 238-4775 x108
or visit: WMSWCD.org/programs/healthy-streams/



About the Healthy Streams Program

The Healthy Streams Program (HSP) provides full funding, project planning, and technical assistance to landowners for streamside restoration in target areas, to manage erosion and to improve water quality, wildlife habitat and the condition of the land.



Approximate location of the 28 sites active during FY 2017-2018

Current target areas include McCarthy, Abbey, and Rock creeks in the West Hills, and canals and ditches on Sauvie Island. The objective along McCarthy, Abbey and Rock creeks is to restore habitat for salmonid fish, enhance wildlife corridors, and improve water quality for all. The objective of the Healthy Streams Program on Sauvie Island agricultural land is to protect canal banks, improve water quality and reduce invasive plant species, tillage, and livestock use that occur directly adjacent to waterways and contribute to erosion and sedimentation.

Successful Site Highlight



This project is sited on private land on Sauvie Island. WMSWCD got involved after dredging in the adjacent Gilbert River Canal. The goal was to prevent further erosion, revegetate with native plants, and prevent complete conversion to invasive weeds such as reed canary grass. We continue to control weeds and re-plant natives as needed.



Before: September 2013 (above); August 2015 (below)



After: September 2017

2017-2018 ACCOMPLISHMENTS

- 7 sites quantitatively monitored
- 2 new contiguous projects planted at a large landowner site
- 11,819 native plants installed; 96,787 native plants installed to date (since 2009)
- 3,060 feet of stream planted; 35,307 cumulative feet (6.7 miles) planted to date
- 6.7 new acres planted to native vegetation; 39.3 acres planted to date
- 400 plants protected from beaver browse, 500 plants protected to date
- 33 total participating landowners & sites monitored to date

Wildlife and sign observed at Healthy Streams sites

Beaver, Red-legged frog, Pacific tree (chorus) frog, Coho and Chinook salmon, Cutthroat trout, Garter snake, Northwestern salamander, Eight-spotted skimmer dragonfly, Raccoon, Deer, bird species, and pollinators, including bumblebees, honey bees, and sweat bees.

