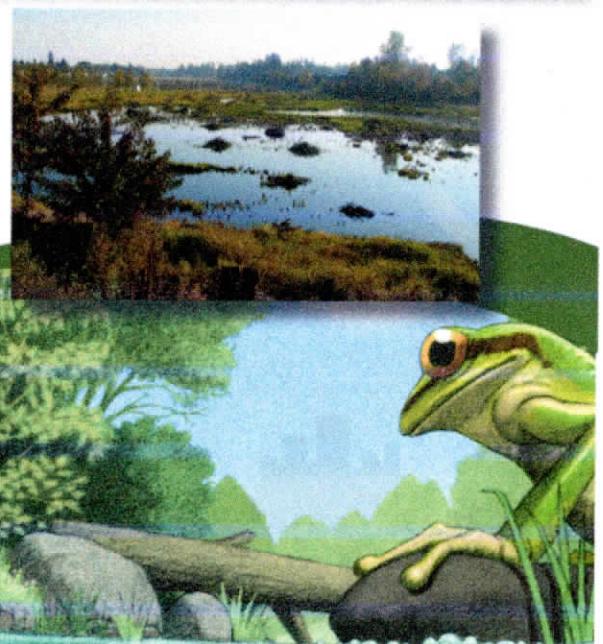
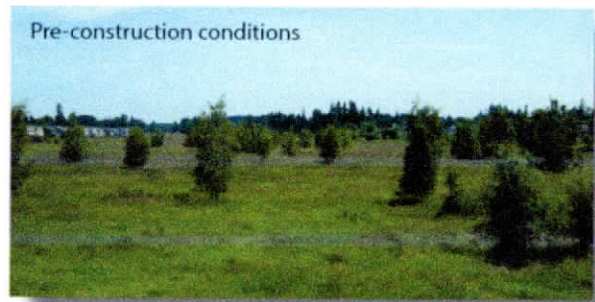


By providing added storage area, the site would attenuate downstream flooding potential. The runoff retention would also improve water quality, reduce downstream erosion, enhance wetland functions, and create ponding to increase wildlife habitat. The new creek channel meanders through the site and the adjacent land area was lowered to increase flooding potential within the floodplain. The area was stabilized and planted with a variety of trees, shrubs and plants that would thrive in these conditions while providing significant habitat value for a wide range of wildlife. Eventually shade will cover the creek to help protect water temperatures. Numerous habitat structures, such as logs and root wads were also added to increase habitat value.

Other design considerations included aesthetic and recreational opportunities. This project area is in the backyards of dozens of homes and adjacent to several neighborhoods. The goal was to create a community asset that is beautiful to look at as well as use. Future regional trails will allow residents to enjoy passive hiking and wildlife watching in the greenway corridor.

## Project facts:

- Construction was completed in 2009
- There are more than 52,000 plantings throughout the site
- The final channel meander is now over 3,500 lineal feet
- The new channel connects to over 1,500 lineal feet of restored channel to the north and will connect to a restored channel to the south by the end of 2013
- Numerous species have now been spotted in the site including bald eagles, osprey and Canada goose, as well as numerous waterfowl, amphibians and mammals such as beaver
- The site collects runoff from approximately 4.5 square miles
- Total wetlands creation is 3.9 acres and wetland enhancement is approximately 20.2 acres
- This site is central to a regional greenway system for Curtin Creek



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