

WETLAND RECONSTRUCTION

STATE PROGRAM: Washington Department of Ecology

ASSISTANCE RECIPIENT: Des Moines

ASSISTANCE AMOUNT: \$222,500

PROJECT DESCRIPTION

The City of Des Moines, Washington is using CWSRF funds to purchase and reconstruct a badly degraded wetland area and to construct a sediment trap/pond facility. This project is allowing the city to meet two goals it constantly struggles to achieve: flood protection and wetlands preservation and enhancement. Area storm water will enter one of two sediment traps by way of the surrounding reconstructed wetlands. The wetlands serve the dual purpose of providing flood protection by collecting storm water runoff, and acting as a preliminary filter by removing suspended solids. The majority of sediment and any heavy metal removal will occur while the water is in the sediment traps. The water will then leave the traps through artificial inlets that lead to Barnes Creek, which eventually enters Puget Sound. This \$222,500 project is part of the National Estuary Program (CWA §320).

To read more about this case study, please visit https://19january2021snapshot.epa.gov/sites/static/files/2015-10/documents/2002_05_23_cwfinance_cwsrf_wetcase.pdf.