

Lake Modoc Pond Retrofit

Project Narrative:

The project will upgrade the existing pond to a Virginia DEQ Level II retention pond. Improvements include dredging of the pond for additional volume, installation of wetland benches, and addition of forebays.

Co-benefits: Water Quality Improvement, Stabilizing Eroding Banks, Performing Major Dredging Maintenance, Adding Wetland Habitat, and Improving Aesthetics

PROJECT STATUS: Completed Spring 2018

LOCATION: 9510 Chesapeake Blvd.

COMMUNITY CONNECTION:

Civic League: Bayview

Ward/Super Ward: 5/6

Pollutant Removal (lbs/year):

Phosphorous: 33.39

Nitrogen: 115.31

Sediment: 3,062

Cost Effectiveness (\$/lb)

Phosphorous: \$18,471

Nitrogen: \$5,349

Sediment: \$201

