

# 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 in Summer 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: \$18,903

Nitrogen: \$5,474

Sediment: \$206

