Suffolk

# WATER QUALITY



Don't Duck Your Responsibilities! Be the Solution to Stormwater Pollution!

#### **FACT ONE**



Stormwater runoff is water from rain or melting snow that doesn't soak into the ground, but runs off into our waterways

### **FACT THREE**



PATHOGENS in a waterbody can lead to bathing beach and shellfish bed closures

#### **FACT TWO**



More than 50% of Estuaries in Suffolk County are negatively impacted by PATHOGENS or NUTRIENTS due to stormwater runoff

### **FACT FOUR**



Excess NUTRIENTS can lead to eutrophication, harmful algal blooms, and hypoxia

For more information on Stormwater: Suffolk County Stormwater Management Program https://www.suffolkstormwater.com/

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## Background

In 2002, the US EPA initiated the National Pollution Discharge Elimination System (NPDES) Permit Program which requires municipalities such as Suffolk County to implement Best Management Practices to control polluted stormwater runoff.

### **Nutrients**

Suffolk County has initiated a <u>Healthy Lawns</u> <u>Clean Water</u> campaign to education on proper fertilizer use. Suffolk County has also initiated the <u>Reclaim Our Water</u> initiative to support innovative and alternative septic systems though grants and loans to homeowners.

## Our Role

Cornell Cooperative Extension of Suffolk County works with Suffolk County officials and other municipalities on Long Island to help educate and develop program strategies so that the impacts of stormwater runoff to sensitive waterbodies are minimized.

## Pathogens

Remember to always pick up after your pet, and not to feed the waterfowl as their waste contains pathogens that can make it unsafe for swimming and eating shellfish harvested from our waters.

## More than 50% of Estuaries in Suffolk County are negatively impacted by PATHOGENS or NUTRIENTS due to stormwater runoff

Suffolk County Stormwater Management Program



Steven Bellone, County Executive Department of Public Works Department of Economic Development & Planning

## Cornell Cooperative Extension | Marine Program

Cornell Cooperative Extension is an equal opportunity, affirmative action educator and employer. Cornell Cooperative Extension is funded in part by Suffolk County through the office of the County Executive and the County Legislature. Learn more at CCESuffolk.org/Marine.

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