

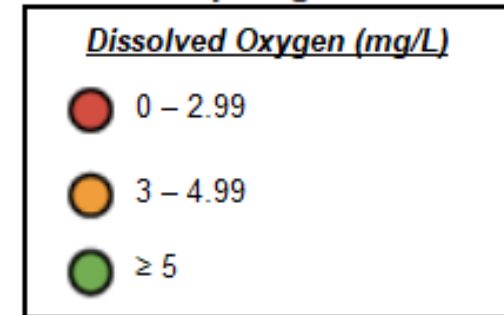
# Mattituck Creek Water Quality *Preliminary Dissolved Oxygen Results*



**Unified Water Study** data collected by  
**North Fork Environmental Council**

**Bottom Dissolved Oxygen Sampling Data**  
Data collected morning of *October 31, 2021*

## Map Legend



Please visit Sound Health Explorer to view the annual bay grade and respective water quality indicator grades:  
<https://soundhealthexplorer.org/fishable/>

## Dissolved Oxygen – Mattituck Creek

Low levels of dissolved oxygen have an adverse impact on marine life, reducing growth and reproduction of animals and plants, and at low enough levels, can even cause death. Low dissolved oxygen often is the result of eutrophication, which occurs when there are too many nutrients (such as nitrogen and phosphorus) in the water, which cause dense algal blooms to grow. When the algae eventually die and decompose, the decomposition process uses up dissolved oxygen in the water, reducing the oxygen available for fish and other organisms, which may become stressed or even die.