

Warehouse Creek

2017 Subwatershed
Report Card



Warehouse			
Water Quality Indicators	2017 Score / Grade		Change From 2016
Water Clarity	58.8 %	C	+3.1
Dissolved Oxygen	78.3 %	B	+15.6
Chlorophyll	25.0 %	D	-10.3
pH	94.7 %	A	-5.3
Temperature	52.6 %	C	+0.9
Overall Grade	61.9 %	B	+0.8

The Skinny...

In 2017, Warehouse made huge improvements in water quality! It improved in water clarity as well as dissolved oxygen (up 16% from the previous year)! We found it interesting that at the same time Chlorophyll worsened. Chlorophyll can indicate algae blooms that often lead to reduced oxygen levels. It may be that higher chlorophyll readings in Warehouse reflected oxygen producing phytoplankton more than algae blooms.

Restoration Efforts

In 2016, Anne Arundel County restored 1,108 linear ft of stream in Warehouse Creek to reduce erosion. South River Federation, with the help of READY students, installed plants at the site, (see picture below) which will further stabilize the bank and mitigate nutrient pollution.

