

# Nansemond River Preservation Alliance

## 2010 State of the Nansemond Report Card

	Parameter	2010 Grade	Where We Are in 2010	Where We Want to Be
<b>Pollution</b>	<b>Bacteria</b>			
	Upper Nansemond	F	Impaired for recreation.	100% of waters meeting recreation standards.
	Lower Nansemond	B+	Some areas open for shell fish harvesting.	Open additional areas for shell fish harvesting.
	<b>Nitrogen</b>			
	Upper Nansemond	D	Levels > algae bloom thresh.	Levels << algae bloom thresh.
	Lower Nansemond	Insuff. data	Insufficient data	Levels << algae bloom thresh.
<b>Phosphorus</b>	Upper Nansemond	D	Levels > algae bloom thresh.	Levels << algae bloom thresh.
	Lower Nansemond	Insuff. data	Insufficient data	Levels << algae bloom thresh.
<b>Dissolved Oxygen</b>	Upper Nansemond	D	Levels > algae bloom thresh.	Levels << algae bloom thresh.
	Lower Nansemond	Insuff. data	Insufficient data	Levels << algae bloom thresh.
<b>Water Clarity</b>	Upper Nansemond	B	Adequate for survival of aquatic life (>5.0 mg/L).	Sufficient for abundant aquatic life (>>5.0mg/L).
	Lower Nansemond	Poor - based upon limited data	Poor - Impediment to SAV growth, Secchi Disk reading <0.5m.	Clarity sufficient for abundant SAV growth. Secchi Disk reading >1.0m
<b>Habitat</b>	<b>Wetlands</b>	B-	29,000 acres but sparse in high pollution areas.	No further encroachment by developers.
	<b>Oyster Restoration</b>	Programs in startup mode	NRPA seeking funding to establish a School Oyster Gardening Project.	Significant restoration of oyster reefs in the Nansem. and Chuckatuck Creek.
	<b>Open Space &amp; Public Access</b>	D	Bennett's Creek only park with access to Nansemond. Nansemond Wildlife Refuge closed to public.	- More public access. - John Smith Trail open. - No further loss of forests. - Wildlife Sanctuary open.
<b>Pollution Control</b>	<b>Storm Water Improvements</b>	C+	Upper Nansemond impaired by storm water runoff. City to monitor pollution.	Meet EPA requirements. Implement TMDL plan for reduction in pollutants.
	<b>Sewer System Improvements</b>	C+	Upper Nansemond impaired. City testing all sewer lines.	Meet EPA requirements. Implement TMDL plan for reduction in pollutants.
	<b>Clean Boating</b>	B	Only active marina equip. with pump out facilities	100% compliance with clean boating standards.