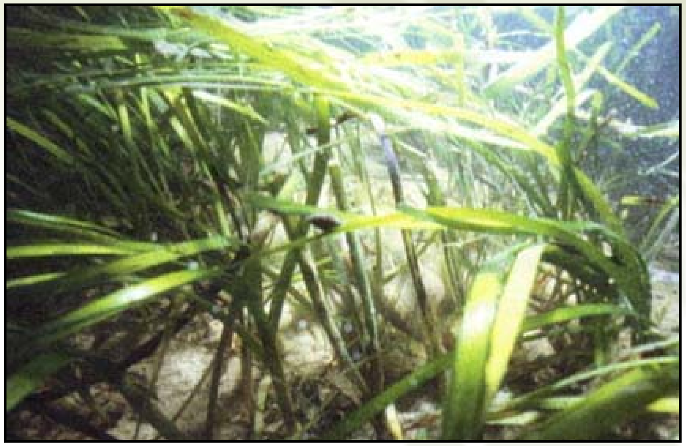
National Estuarine Research Reserve System

Water Quality

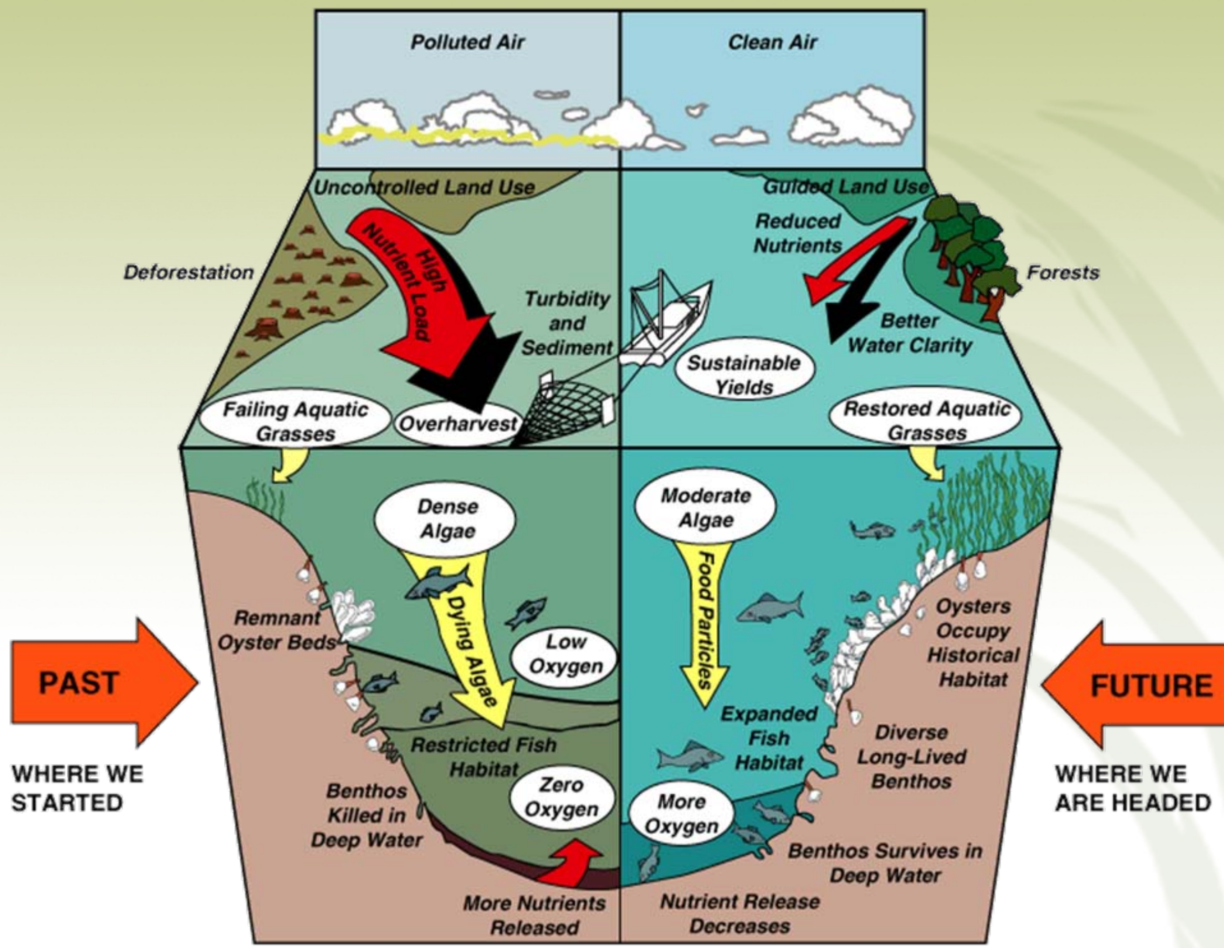
What does "good" water quality look like?

- Water that is clear enough to support submerged aquatic vegetation (SAV)
- Water that supports many diverse species of fish, wildlife, mammals, plants
- A community that is dominated by benthic versus pelagic primary producers
- Dissolved oxygen levels that support healthy benthic communities
- Decreased algal blooms
- Water in which we can swim, fish and boat

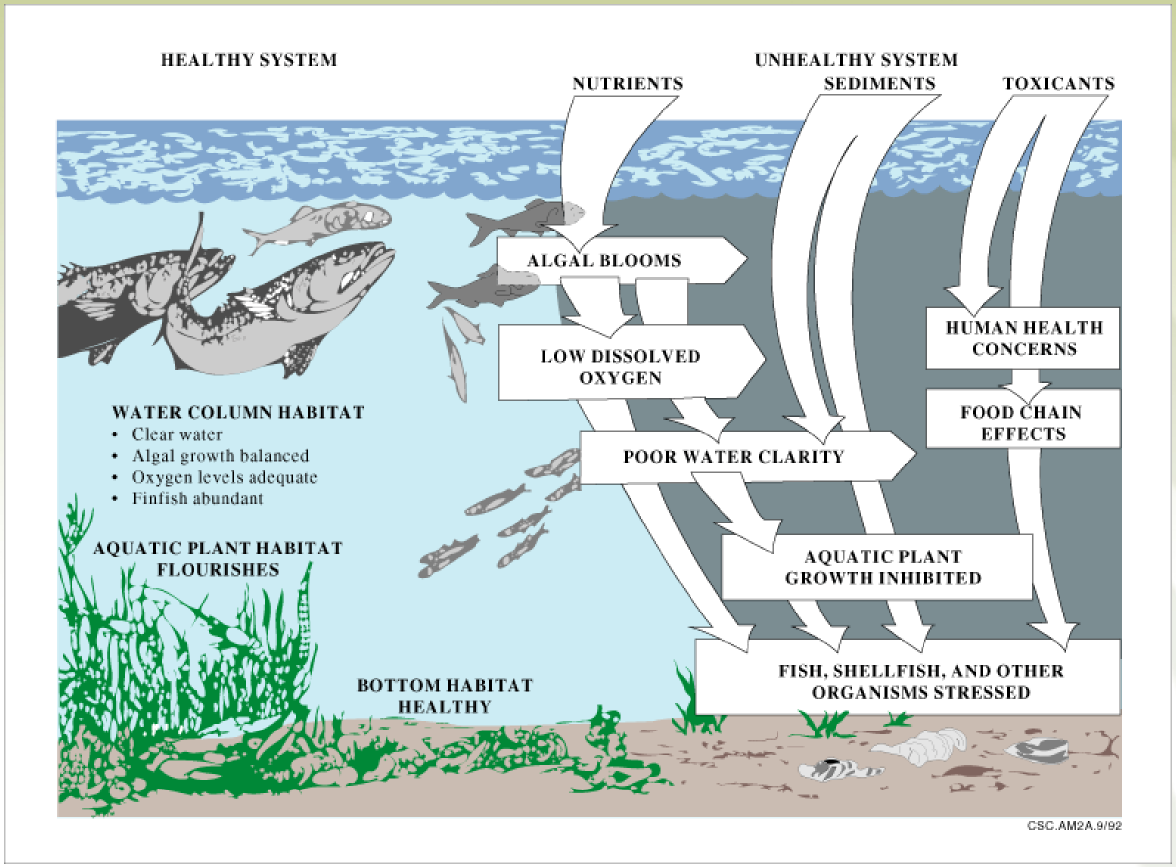


What does bad water quality look like?

What is the difference?

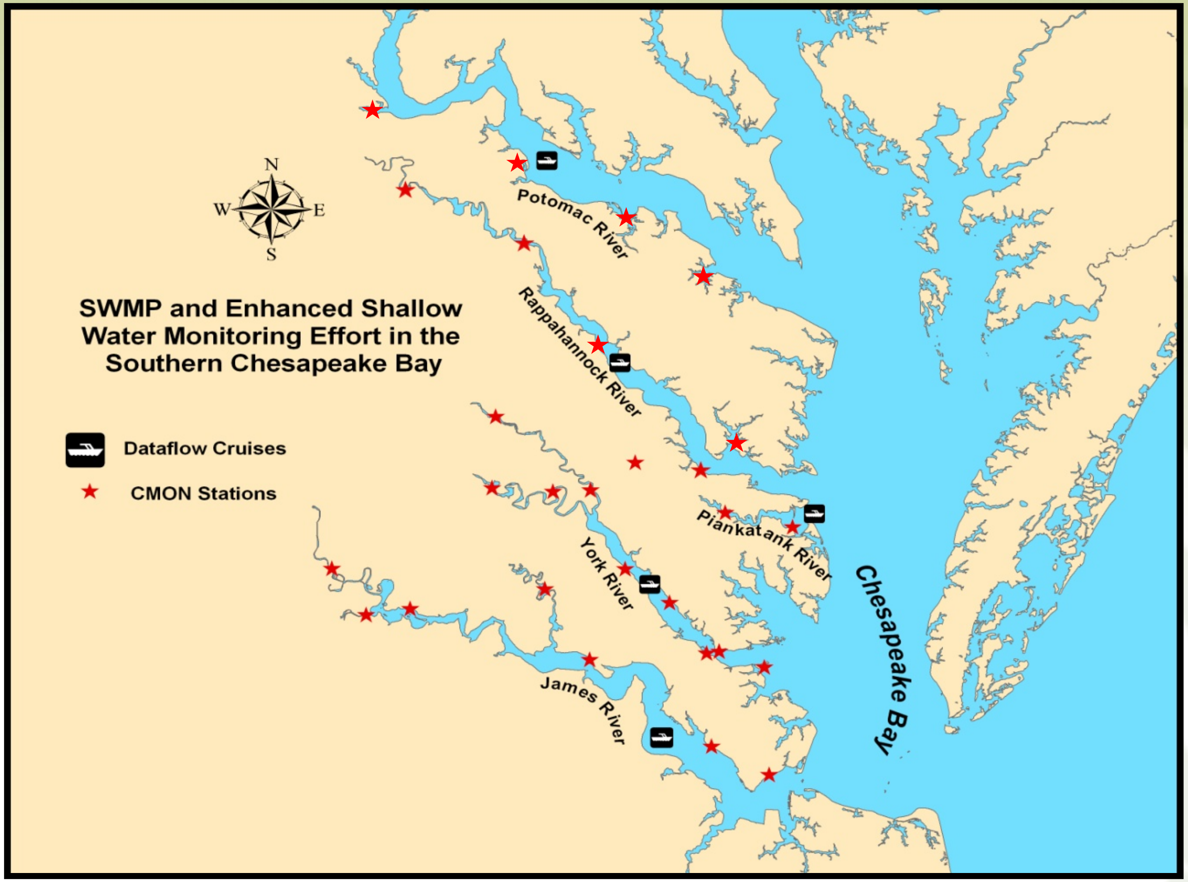


How do pollutants affect the Bay?

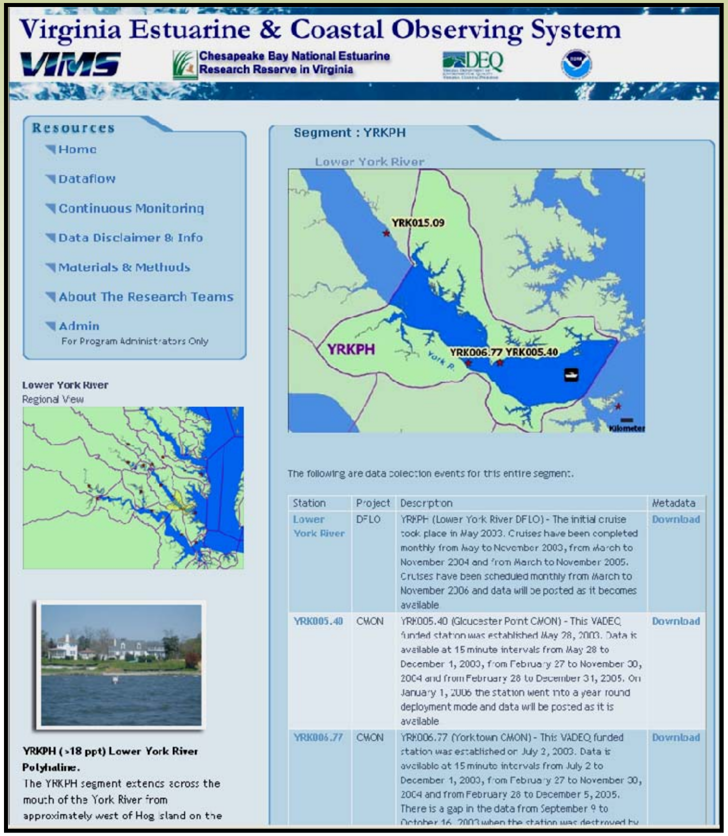


VIMS and CBNERRVA Effort

Enhanced Water Quality Monitoring



Visit www.vecos.org for water quality data!



Virginia Estuarine & Coastal Observing System

VIMS

Chesapeake Bay National Estuarine Research Reserve in Virginia

DEQ

Resources

- Home
- Dataflow
- Continuous Monitoring
- Data Disclaimer & Info
- Materials & Methods
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- Admin
  For Program Administrators Only

Lower York River
Regional View

YRKPH (>18 ppt) Lower York River Polyhaline.
The YRKPH segment extends across the mouth of the York River from approximately west of Hog Island on the

Segment : YRKPH

Lower York River

YRK015.09

YRKPH

YRK006.77 YRK005.40

York R.

Kilometer

The following are data collection events for this entire segment.

Station	Project	Description	Metadata
Lower York River	DFLO	YRKPH (Lower York River DFLO) - The initial cruise took place in May 2003. Cruises have been completed monthly from May to November 2003, from March to November 2004 and from March to November 2005. Cruises have been scheduled monthly from March to November 2006 and data will be posted as it becomes available	Download
YRK005.40	CMON	YRK005.40 (Gloucester Point CMON) - This VADEQ funded station was established May 28, 2003. Data is available at 15 minute intervals from May 28 to December 1, 2003, from February 27 to November 30, 2004 and from February 28 to December 31, 2005. On January 1, 2006 the station went into a year round deployment mode and data will be posted as it is available	Download
YRK006.77	CMON	YRK006.77 (Yorktown CMON) - This VADEQ funded station was established on July 2, 2003. Data is available at 15 minute intervals from July 2 to December 1, 2003, from February 27 to November 30, 2004 and from February 28 to December 5, 2005. There is a gap in the data from September 9 to October 16, 2003 when the station was destroyed by