POTOMAC WATER QUALITY TRENDS WORKSHOP

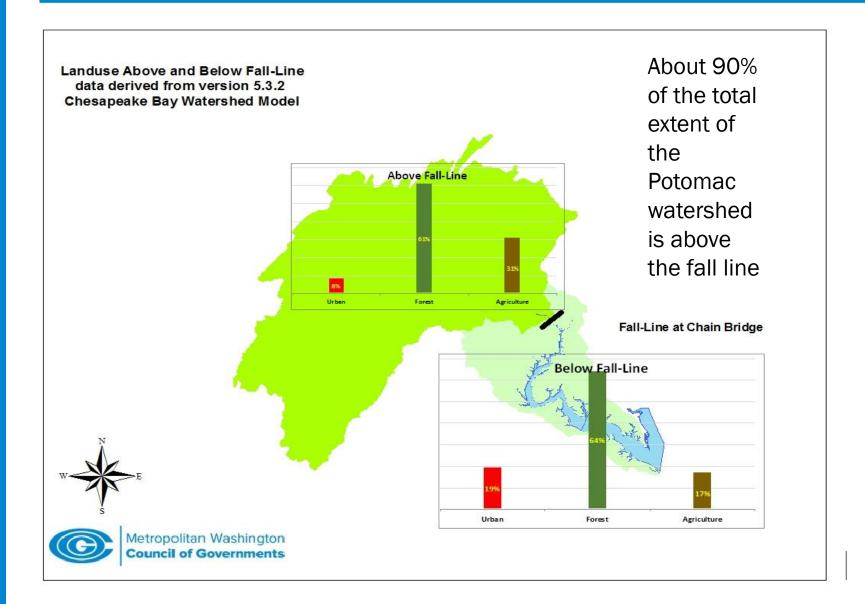
INTRODUCTION

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Potomac Watershed



Potomac Estuary Water Quality Drivers

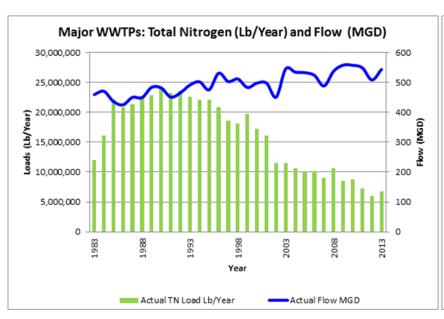
Fall-line loads

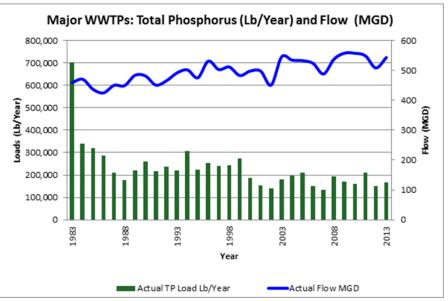
today's focus

- Wastewater discharges BFL
 - Significant declines since 1985 in TN, TP
- Nonpoint source loads BFL
 - Only partial monitoring available, loads estimated by modeling

Wastewater Discharges

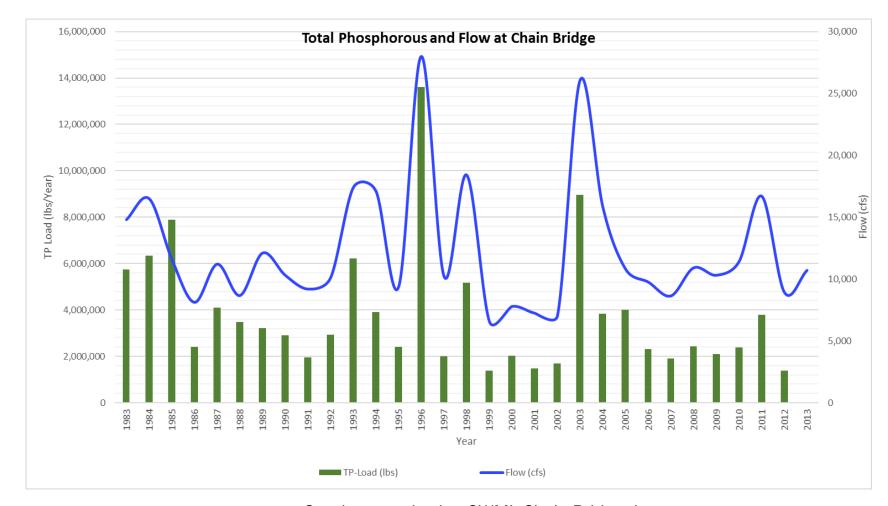
For COG Region as a whole, almost all BFL







Finding the Signal in the Noise





Graph created using OWML Chain Bridge data portal at mwcog.owml.vt.edu

What Others Have to Say

The Potomac Conservancy's

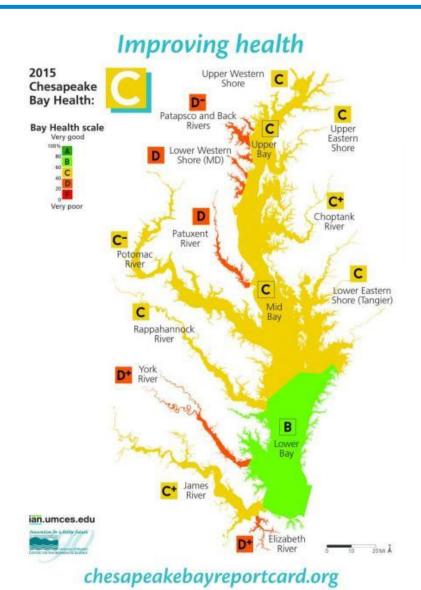
State of the Nation's River

- 2016 B-
- 2015 C-
- 2013 C
- 2011 D

The University of Maryland Center for Environmental Science

State of the Bay - Potomac River

- 2015 C-
- 2014 D+
- 2013 C-
- 2012 D+
- 2011 D





Goals for the Workshop

- Examine water quality trend data for the Potomac watershed above the fall line from two different sources
 - USGS dataset
 - OWML dataset
- Understand how management decisions, such as wastewater treatment plant upgrades and BMP implementation, are affecting water quality trends in the watershed
- Assess regional benefits of OWML Chain Bridge monitoring program - to be discussed at future event

