Beyond 2025 Office Hours – Water Quality Outcomes

January 14, 2025

Water Quality Standards Attainment and Monitoring

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Through the Chesapeake Bay Watershed Agreement*, the Chesapeake Bay Program has committed to…*

Goal: *Water Quality*

Outcome:

Continually improve the capacity to monitor and assess the effects of management actions being undertaken to implement the Bay TMDL and improve water quality. Use the monitoring results to report annually to the public on progress made in attaining established Bay water quality standards and trends in reducing nutrients and sediment in the watershed.

What is our Outlook and Recent Progress?

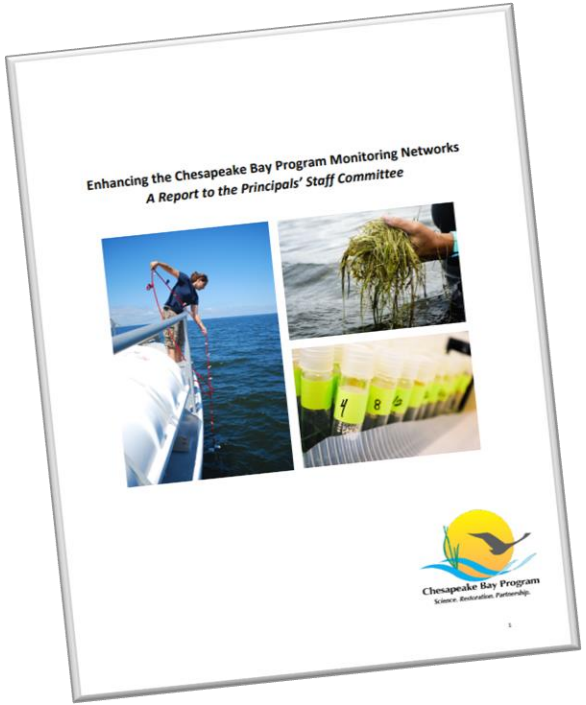
Recent Progress: Increase

Outlook: On Course*

What is our Outlook and Recent Progress?

	Capacity to Monitor	Attainment of Tidal Water Quality Standards	Watershed Response to 2025 WIP	Report Trend Results
Outlook	OUTLOOK ON COURSE	OUTLOOK MIXED RESULTS	OUTLOOK MIXED RESULTS	OUTLOOK ON COURSE
Recent Progress	RECENT PROGRESS INCREASE	RECENT PROGRESS INCREASE	RECENT PROGRESS NO CHANGE	RECENT PROGRESS INCREASE

Capacity to Monitor



Metrics Considered:

- Funding
- Spatial and temporal coverage of stations
- Monitoring technologies
- Data management

What is our Outlook and Recent Progress?

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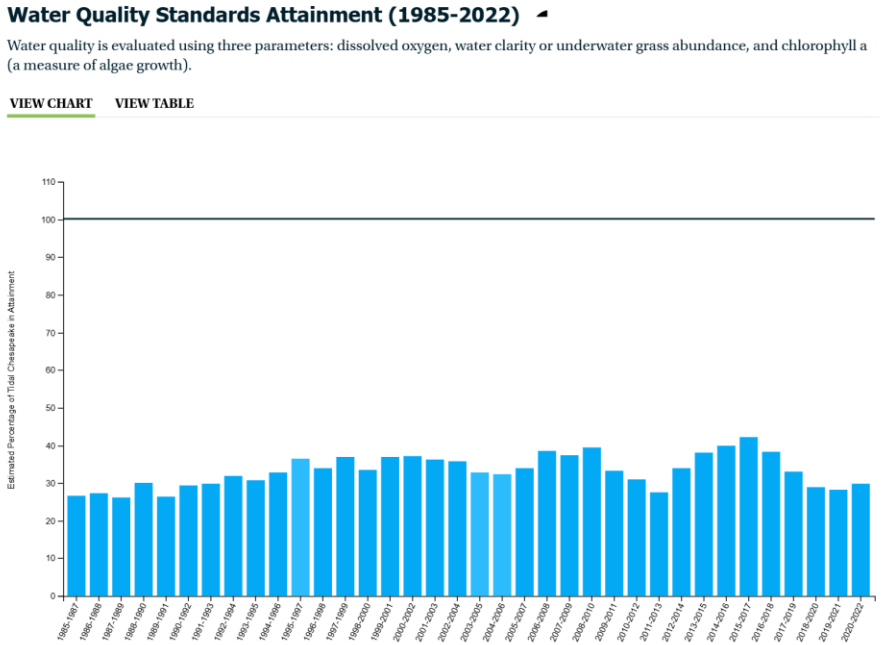
Attainment of Tidal Water Quality Standards



Metric Considered:

- Water Quality Standards Attainment Indicator

What is our Outlook and Recent Progress?

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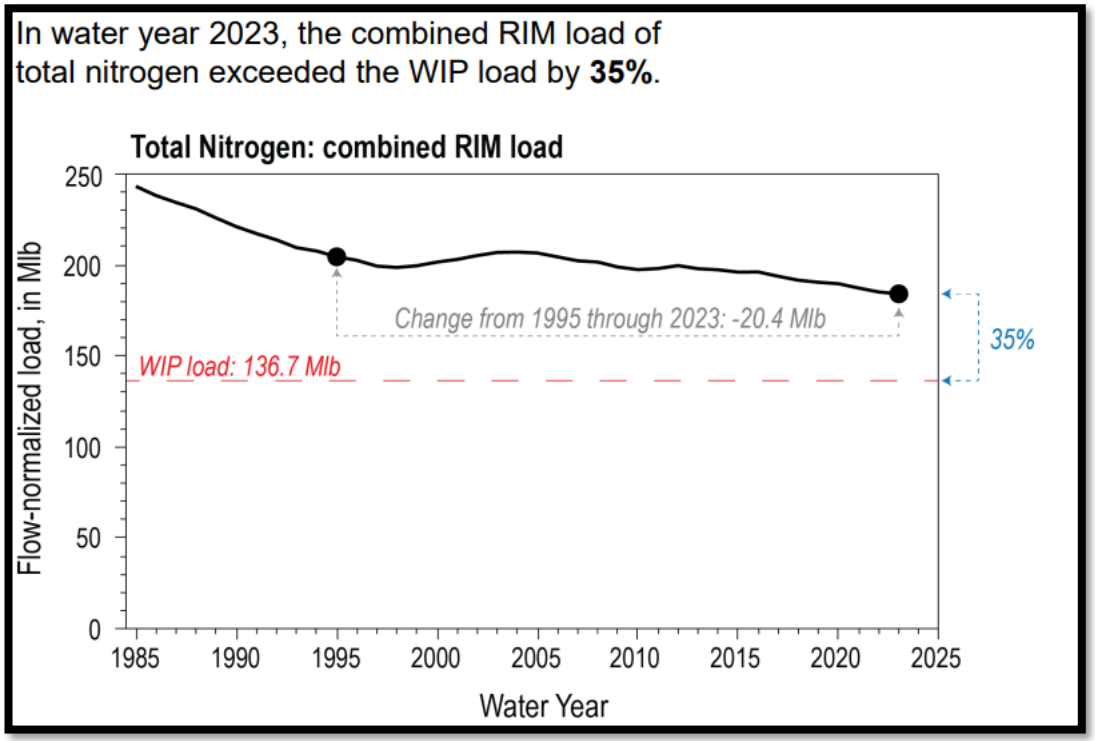
Watershed Response to 2025 WIP



Metrics Considered:

- RIM monitoring data
- Nontidal monitoring data

What is our Outlook and Recent Progress?

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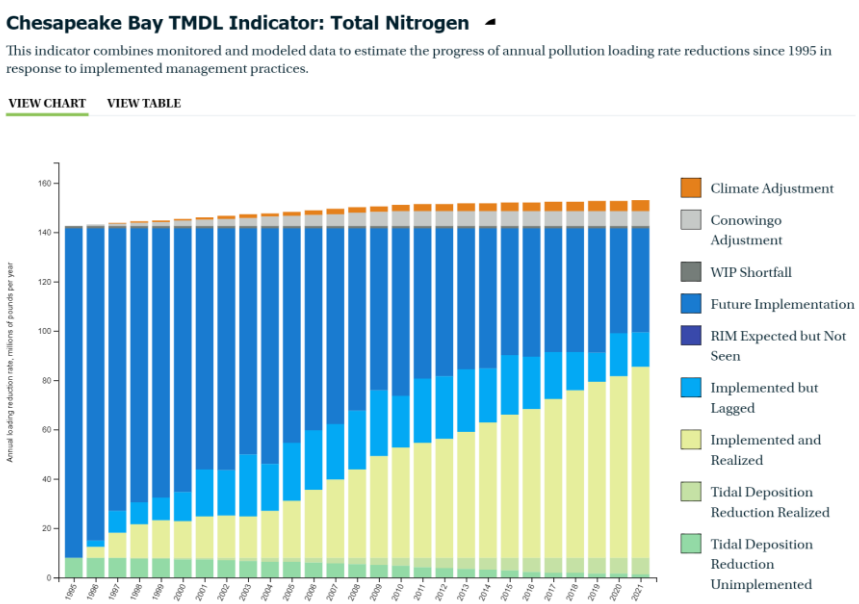
Report, Analyze and Interpret Trend Results



Metrics Considered:

- New Indicators
- Publications
- Trend Reports
- Partnership products

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Big Question

Provide advice to the Management Board on whether "to consolidate, reduce, update, remove, replace or add new outcomes."

Current Outcome

Continually improve our capacity to monitor and assess the effects of the management actions being taken to implement the Chesapeake Bay Total Maximum Daily Load (Bay TMDL) and improve water quality. Use monitoring results to report annual progress being made in attaining water quality standards and trends in reducing nutrients and sediment in the watershed.

Current Outcome

Continually improve our capacity to monitor and assess the effects of the management actions being taken to implement the Chesapeake Bay Total Maximum Daily Load (Bay TMDL) and improve water quality. Use monitoring results to report annual progress being made in attaining water quality standards and trends in reducing nutrients and sediment in the watershed.

Current Outcome

Continually improve our capacity to monitor and assess the effects of the management actions being taken to implement the Chesapeake Bay Total Maximum Daily Load (Bay TMDL) and improve water quality. Use monitoring results to report annual progress being made in attaining water quality standards and trends in reducing nutrients and sediment in the watershed.

Advice to MB: UPDATE

- Assessing multiple categories
- “Continually improve” - Qualitative
- Speaks more to management activities

Questions to Consider

- What is the change we want to see in the ecosystem around water quality?
- Does the current outcome combine too many categories around WQ?
- How can we speak more to the goal – human health, clean water?
- Do we set incremental progress?
- How do we incorporate climate change and DEIJ?