



# **EPA Evaluation of Interim 2014-2015 Milestone Progress**

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**Urban Stormwater Workgroup  
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# Oversight Status (June 2015)

- Are jurisdictions and federal agencies on track to achieve:
  - 2014-2015 milestone commitments?
  - Practices in place by 2017 to achieve 60% of necessary reductions compared to 2009?
- Milestones comprise:
  - Numeric: translate practices into load reductions and compare to long-term trajectories
  - Programmatic: Actions to build capacity to achieve necessary implementation levels

# Oversight Status

**Oversight Status** takes into account numeric AND programmatic progress and commitments

**Ongoing Oversight:** Good strategy and progress is on track.

**Enhanced Oversight:** Concerns because:

- Progress not on track;
- Lacks capacity to achieve commitments;
- Commitments do not meet 2017 and 2025 goals; or
- Some combination of above.

**Backstop Actions:** Substantial problems:

- Progress not on track;
- Lacks capacity to achieve commitments; and
- Commitments do not meet 2017 and 2025 goals.



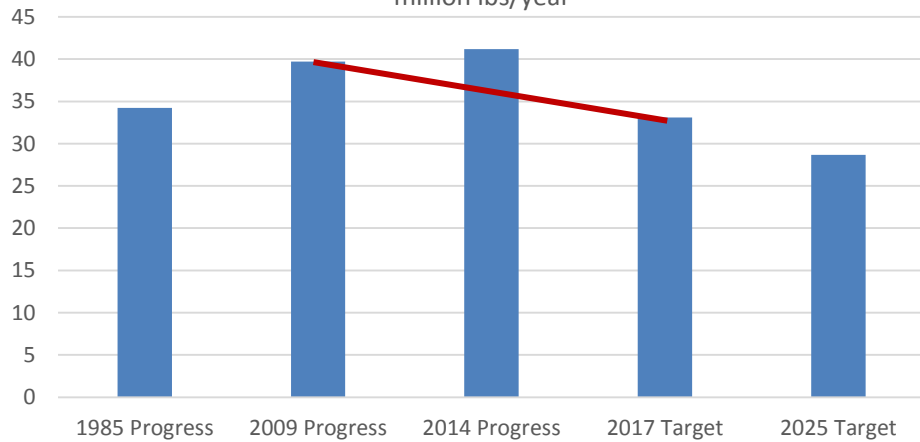
# Oversight Status (June 2015)

	Agriculture:	Urban/Suburban:	Wastewater:	Trading/Offsets:
DE	Ongoing Oversight	Ongoing Oversight	Enhanced Oversight	Ongoing Oversight
DC	Not Applicable	Ongoing Oversight	Ongoing Oversight	Ongoing Oversight
MD	Ongoing Oversight	Ongoing Oversight	Ongoing Oversight	Ongoing Oversight
NY	Ongoing Oversight	Ongoing Oversight	Enhanced Oversight	Ongoing Oversight
PA	Backstop Actions Level	Backstop Actions Level	Ongoing Oversight	Enhanced Oversight
VA	Ongoing Oversight	Enhanced Oversight	Ongoing Oversight	Ongoing Oversight
WV	Enhanced Oversight	Ongoing Oversight	Ongoing Oversight	Ongoing Oversight

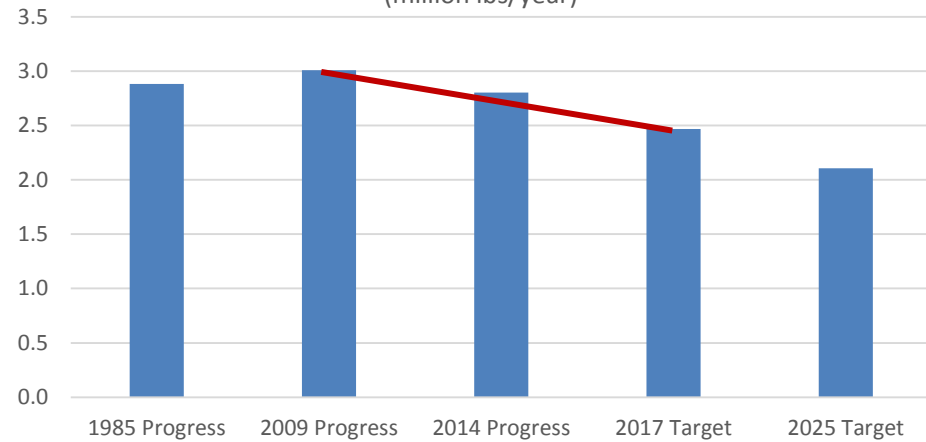
Green fading to yellow indicates potential downgrade at end of 2014-2015 milestone period if specific actions are not taken

# Urban/Suburban Sector Off Track

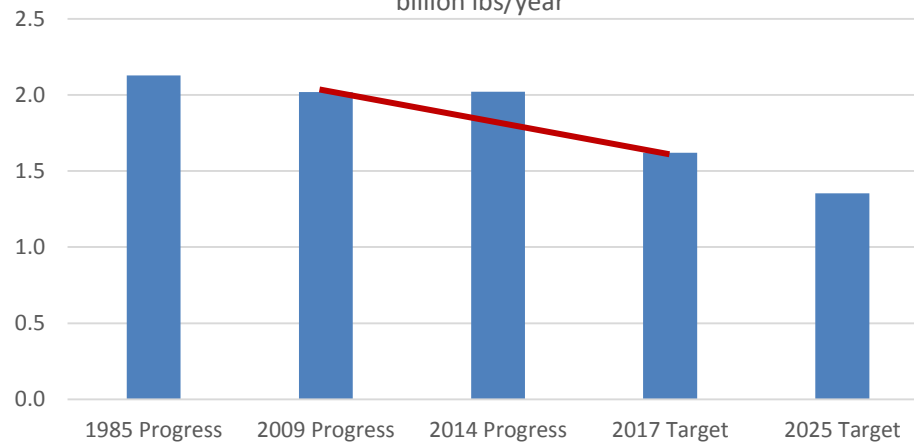
**Nitrogen**  
million lbs/year



**Phosphorus**  
(million lbs/year)



**Sediment**  
billion lbs/year



# Common Findings Across Evaluations

## Improvements in 14-15 Milestone Period

- Report implementation progress using performance standard and retrofit methodologies approved by CBP
- Meet historic data cleanup and verification deadlines in 2015

## Expectations/Recommendations for 16-17 Milestones

- Practices in place to achieve 60% of necessary reductions compared to 2009
- Programmatic progress demonstrating capacity for future reductions
- Continue to identify new loads and offset within appropriate timeframe

## Next Steps

- EPA will work with federal partners to provide leadership and coordinate with jurisdictions on WIP and milestone implementation

# District of Columbia – Ongoing Oversight

## Achievements

- Stormwater Management Plan Tracking Database in use and continues to be enhanced
- Exceeded targets for tree planting and green roof installation
- Made significant progress on stream restoration

## Issues to Address and Future Expectations

- Increase reductions from the urban sector to get on track to meet the targets for 2017 and 2025



# Delaware – Ongoing Oversight

## Achievements

- Hosted several trainings on revised Sediment and Stormwater Regulations
- Developed draft regulations and completed BMP manual for industrial stormwater

## Issues to Address and Future Expectations

- Issue Phase II MS4 General Permit consistent with Bay TMDL and extending coverage to new/expanded urbanized areas identified in 2010 Census





# Maryland – Ongoing Oversight

## Achievements

- Issued remaining Phase I MS4 Permits and Construction General Permit
- Signed Letter of Agreement with EPA responding to EPA's assessment of Maryland's stormwater program

## Issues to Address and Future Expectations

- Issue tentative and final determinations and for Phase II MS4 General Permits consistent with Bay TMDL
- Expect Phase I MS4 permittees to develop financial assurance plans demonstrating adequate funding in place to implement stormwater management programs



# New York – Ongoing Oversight

## Achievements

- Drafted guidance document to identify and encourage use of low-cost green infrastructure

## Issues to Address and Future Expectations

- Reissue Phase II MS4 General Permit consistent with Bay TMDL
- Report urban/suburban stormwater BMPs beyond erosion and sediment control



# Pennsylvania – **Backstop Actions**

## Achievements

- Conducted 178 MS4 inspections and over 376 stormwater construction permit termination inspections in 2014

## Issues to Address and Future Expectations

- Committed to reduce its urban/suburban stormwater load for N by 41%, P by 45% and TSS by 50% by 2025, but to date has only reduced N by 1%, P by 10% and TSS by less than 1%
- Shift portion of urban/suburban load reductions to different sectors
- Include specific reduction targets for discharges to the Chesapeake Bay in revised PAG-13 MS4 Permit
- Provide trainings and outreach to MS4 community



# Virginia – Enhanced Oversight

## Achievements

- Has either issued, public noticed or submitted for EPA review all remaining, expired Phase I MS4 permits
- Awarded \$45 million to localities for stormwater improvements from the state's Stormwater Local Assistance Fund grants since July 2013

## Issues to Address and Future Expectations

- Reissue remaining, administratively continued Phase I MS4 Permits and VDOT Permit
- Effectively review and approve Bay TMDL Action Plans that MS4 permittees will start to submit in 2015





# West Virginia – Ongoing Oversight

## Achievements

- Reissued Phase II MS4 General Permit
- Working with communities to adopt model stormwater ordinance

## Issues to Address and Future Expectations

- Given practices on construction and mined lands will likely receive less credit than West Virginia relied on in Phase II WIP, expect West Virginia to target additional stormwater BMPs or identify alternative strategies to keep on track
- Demonstrate ability to hold the line on urban runoff or enact contingencies

# Federal Agencies

## Federal Lands and Facilities

Chesapeake Bay Watershed



## Strengths

- EPA and DDOE continue to coordinate DC Stormwater MOU with Federal Agencies
- EPA completed stormwater assessments in Maryland and Delaware and provided financial support through Green Streets grants
- Federal Facilities Targets Action Team (FFTAT) has developed federal targets protocol

## Issues to Address

- Improve BMP progress reporting by federal facilities
- Establish milestones to achieve 2017 targets established by Bay jurisdictions using federal targets protocol by November 1, 2015

# For More Information



## Bay TMDL, Watershed Implementation Plans, Milestones and EPA Evaluations

- [www.epa.gov/chesapeakebaytmdl](http://www.epa.gov/chesapeakebaytmdl)

## Pollutant Load and BMP Progress and Targets

- [www.chesapeakestat.com](http://www.chesapeakestat.com)

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