



Urban Stormwater BMP History Update for Phase6 Beta4

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Urban Stormwater Workgroup Meeting
November 15, 2016



Urban Stormwater BMP History

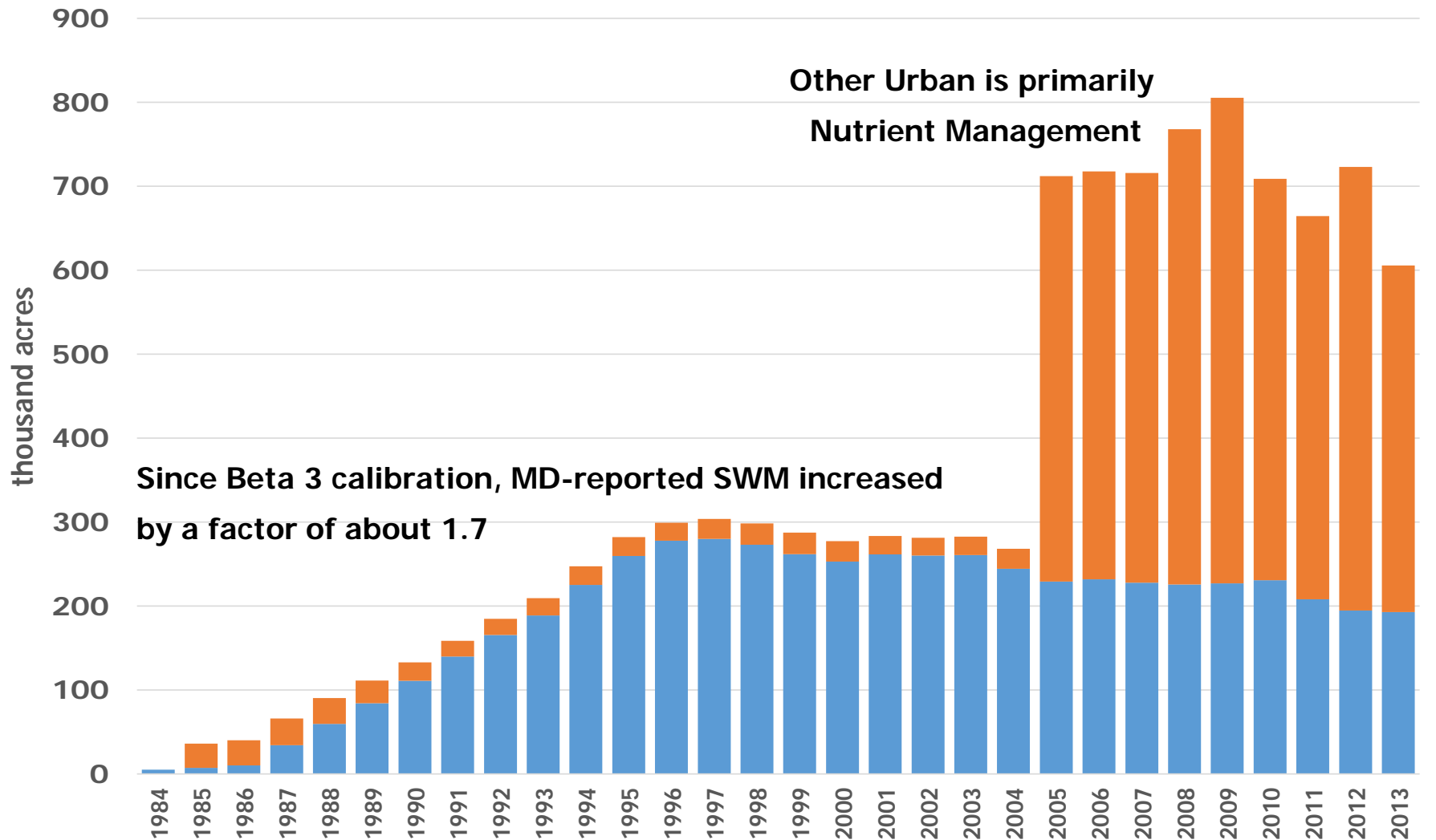
- Summary of reported urban historic BMP implementation levels for the latest (Beta 4) version of the Phase 6 models.
 - This is a follow-through to the Beta 3 data shown at the October USWG meeting.
- The WQGIT agreed to extend the deadline for submission of all Phase 6 model inputs to December 31, 2016 including the jurisdictions' submission of historical BMP data . . .



Reported Urban BMPs Acres (Phase6 Beta4) Maryland

■ StormwaterManagement

■ OtherUrban

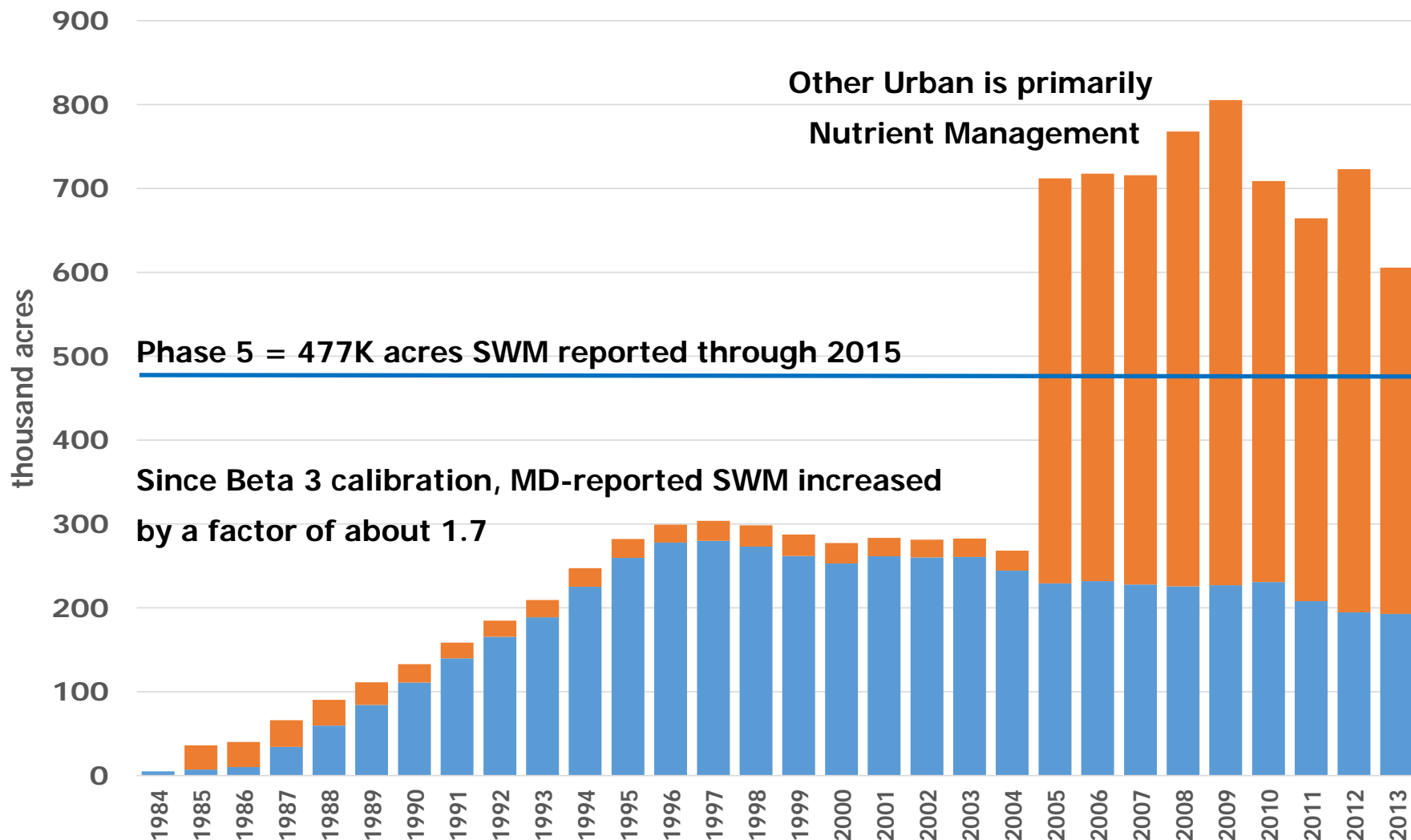




Reported Urban BMPs Acres (Phase6 Beta4) Maryland

■ StormwaterManagement

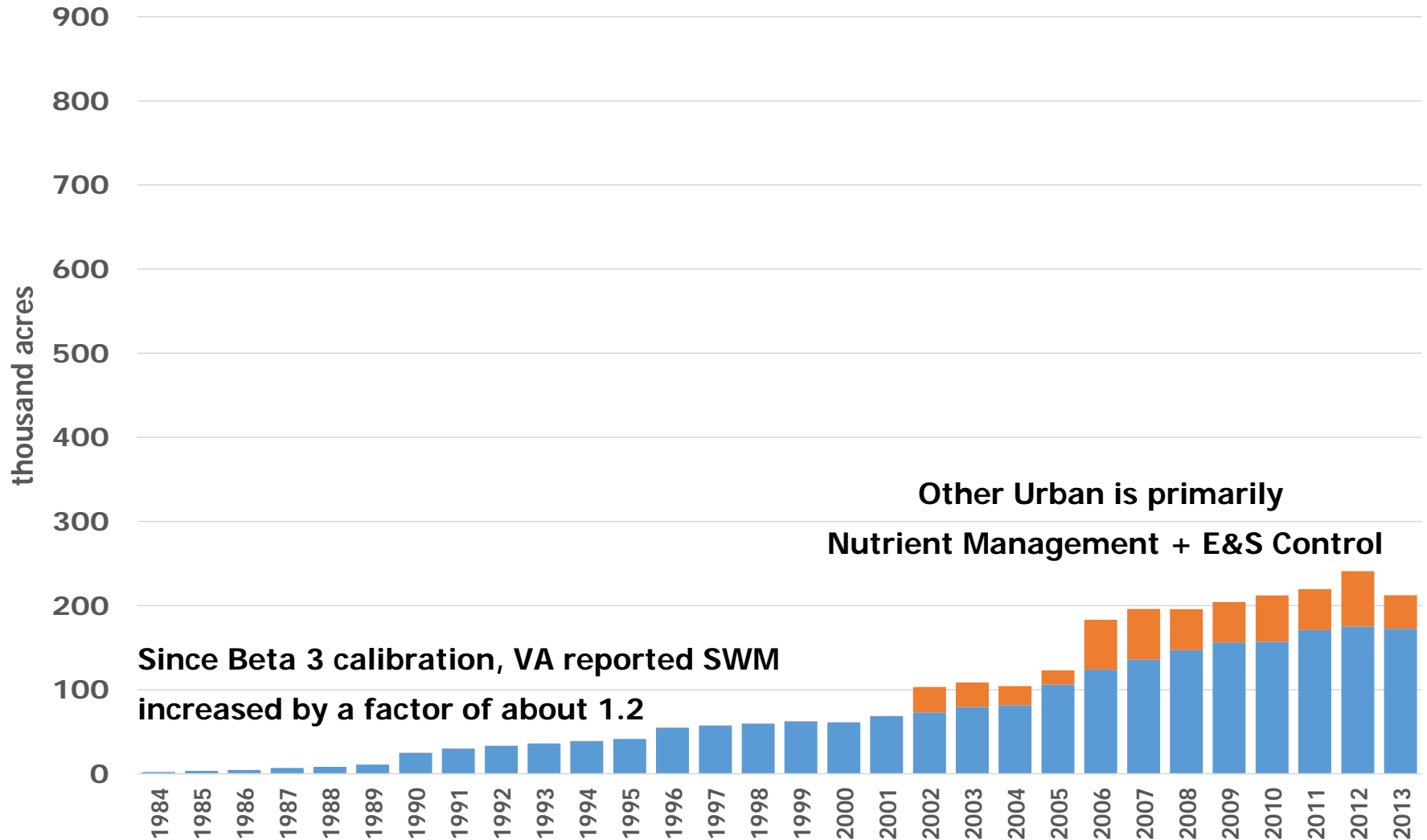
■ OtherUrban





Reported Urban BMPs Acres (Phase6 Beta4) Virginia

■ StormwaterManagement ■ OtherUrban

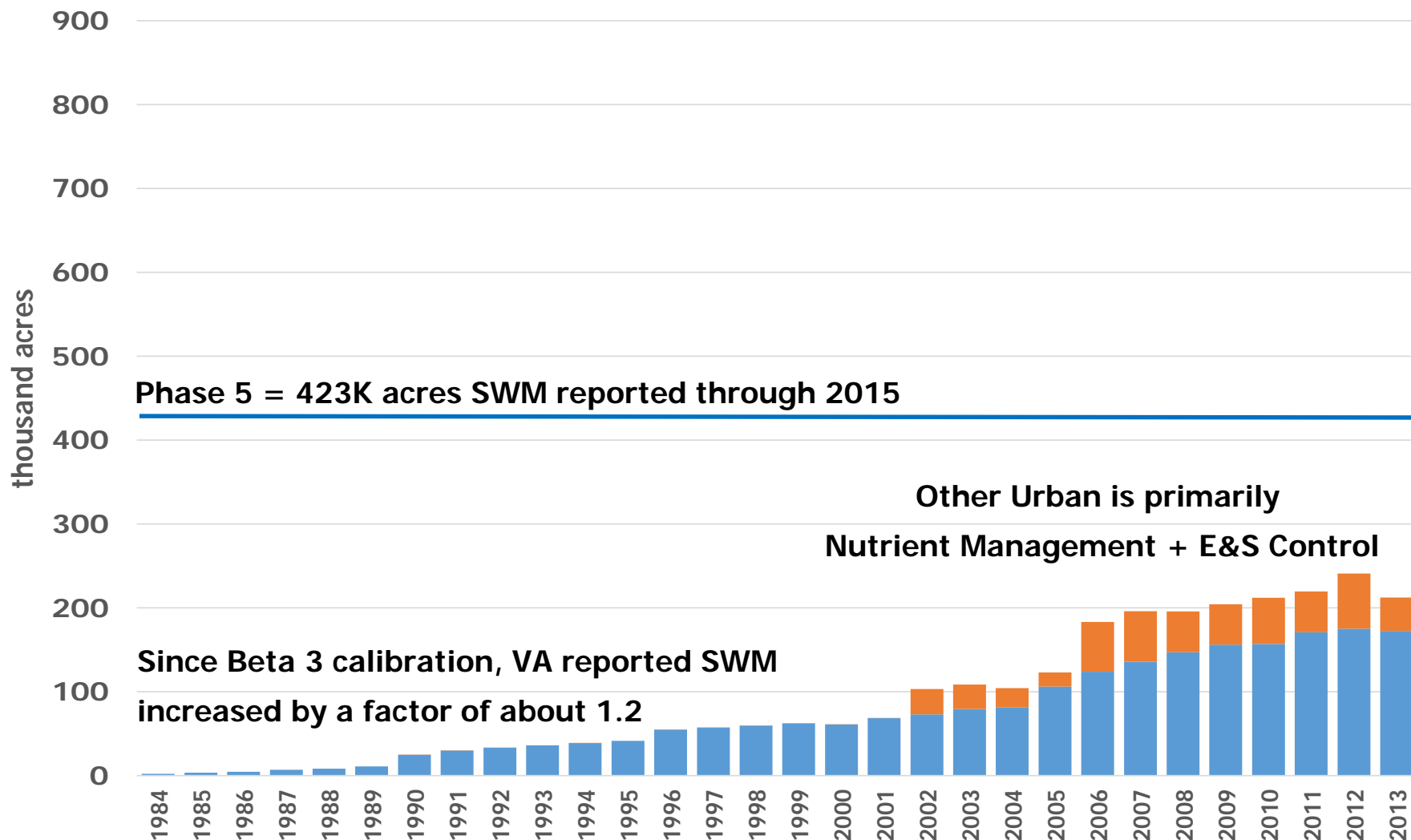




Reported Urban BMPs Acres (Phase6 Beta4) Virginia

■ StormwaterManagement

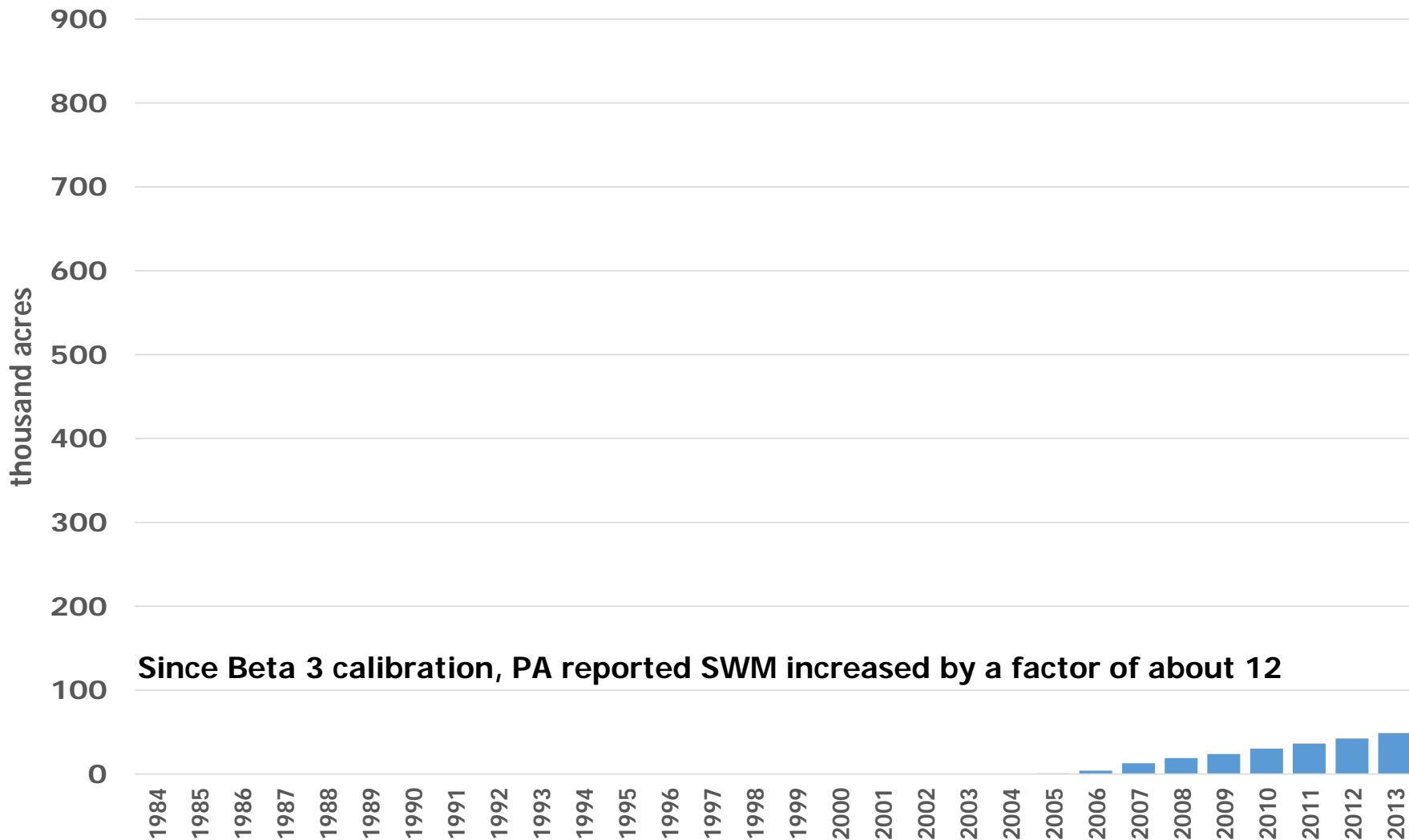
■ OtherUrban





Reported Urban BMPs Acres (Phase6 Beta4) Pennsylvania

■ StormwaterManagement ■ OtherUrban

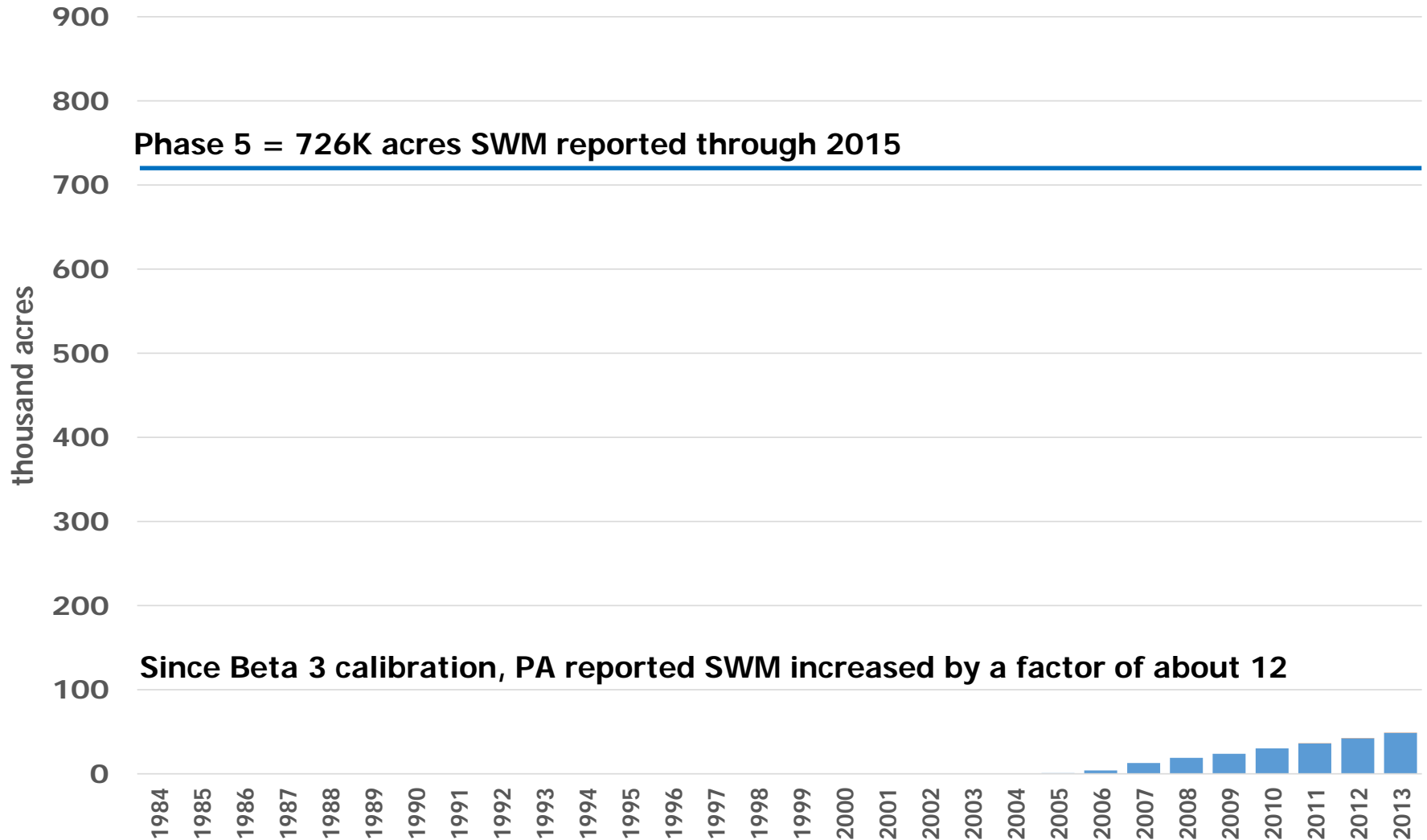




Reported Urban BMPs Acres (Phase6 Beta4) Pennsylvania

■ StormwaterManagement

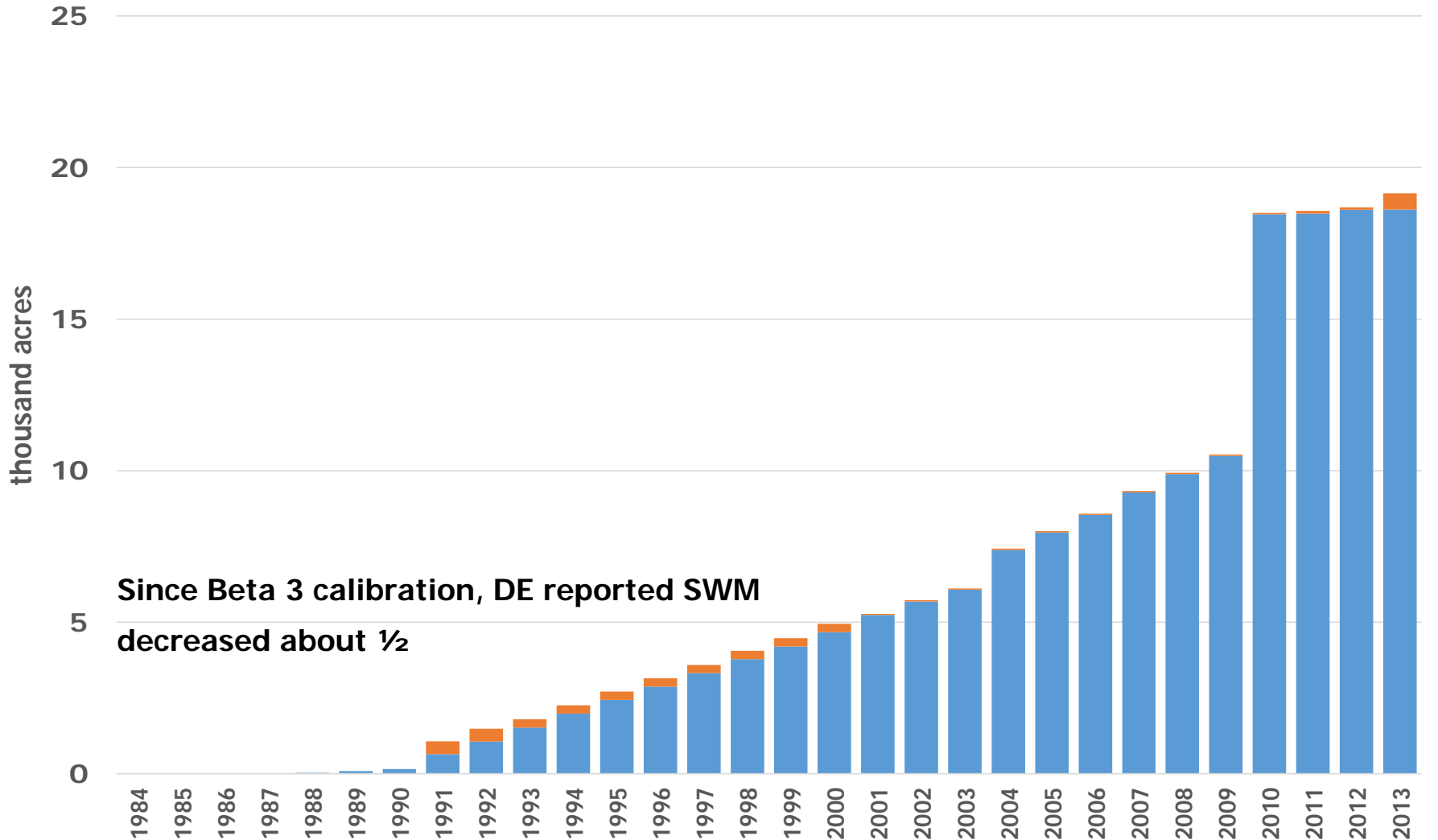
■ OtherUrban





Reported Urban BMPs Acres (Phase6 Beta4) Delaware

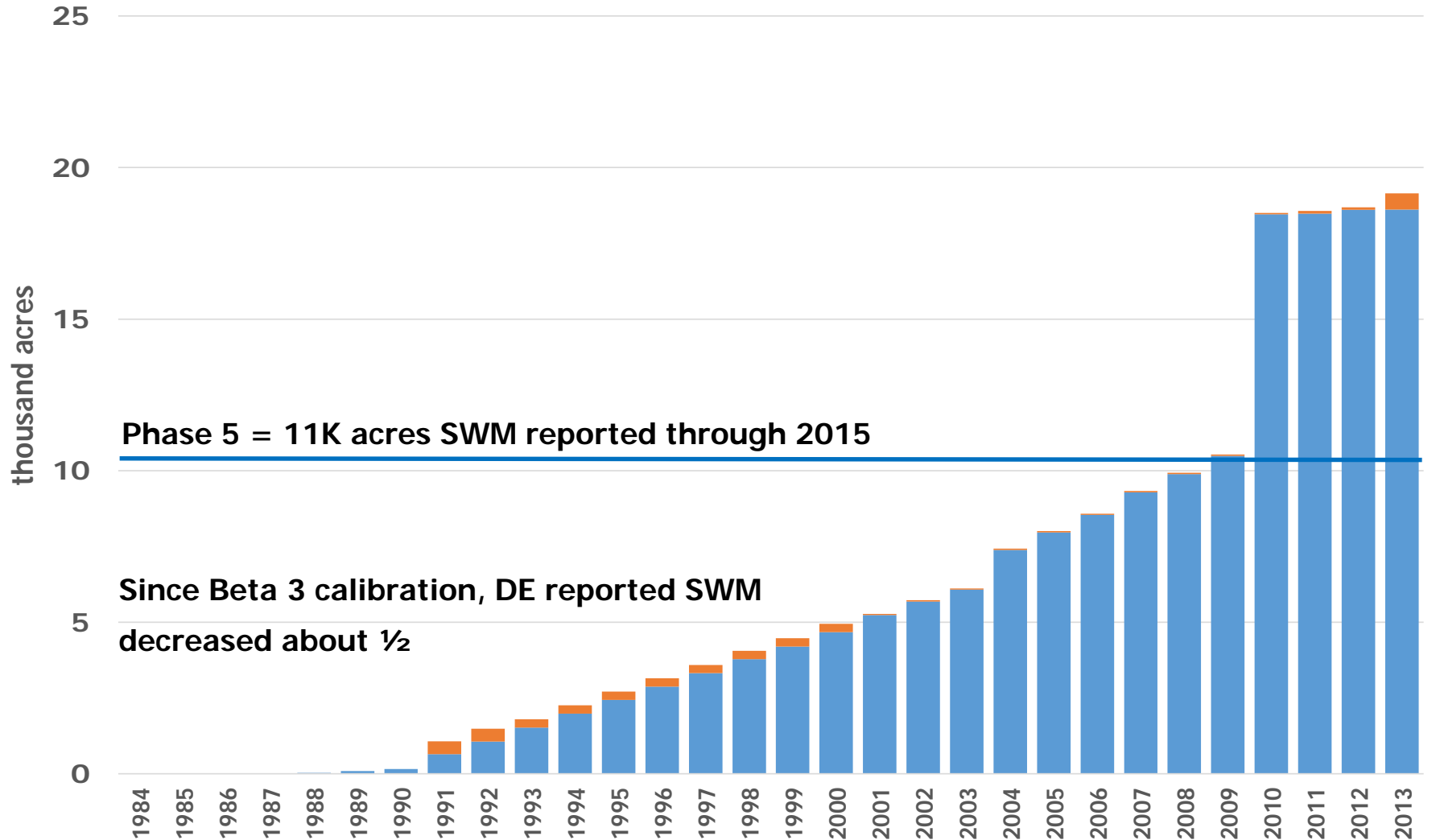
■ StormwaterManagement ■ OtherUrban





Reported Urban BMPs Acres (Phase6 Beta4) Delaware

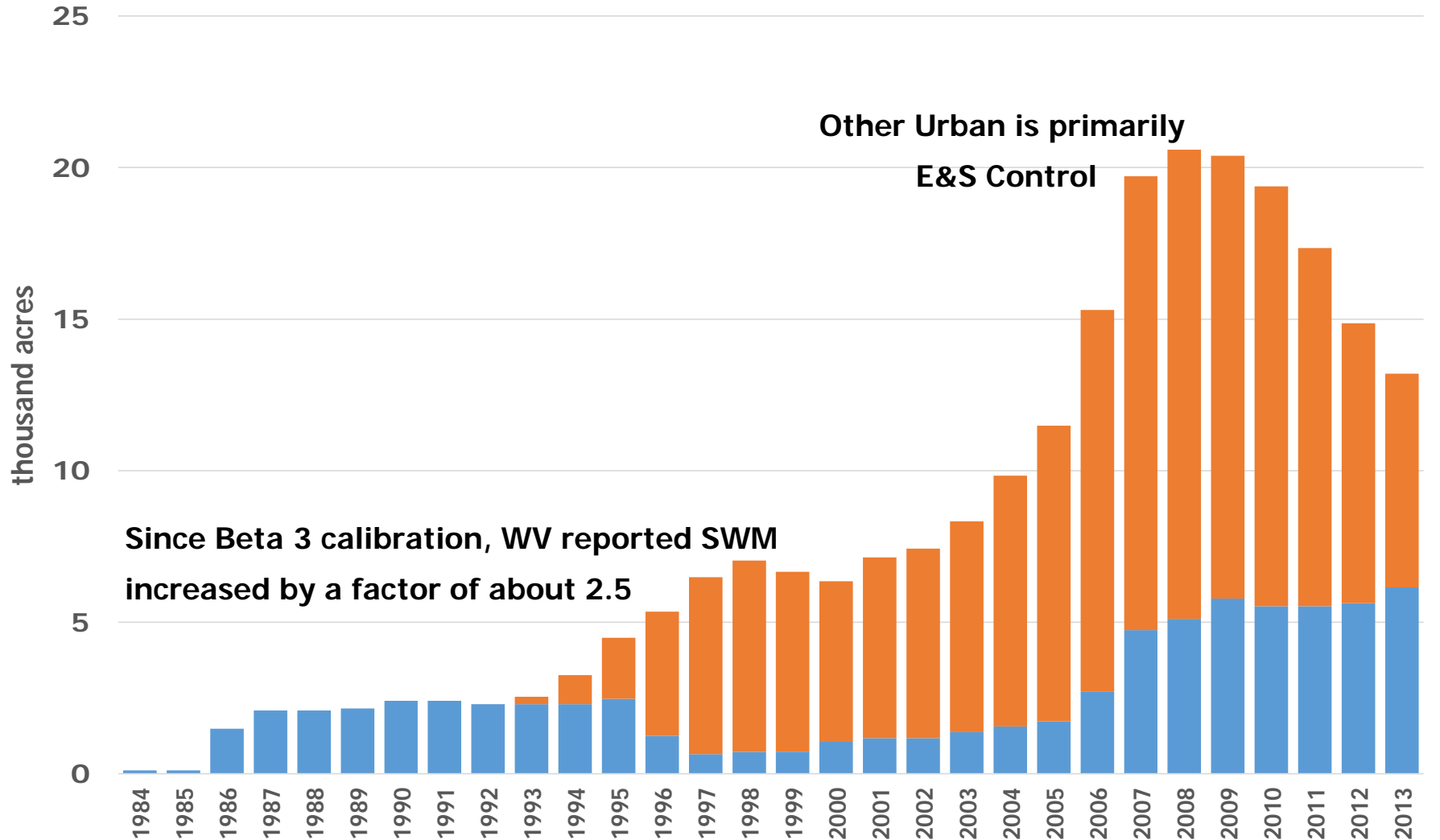
■ StormwaterManagement ■ OtherUrban





Reported Urban BMPs Acres (Phase6 Beta4) West Virginia

■ StormwaterManagement ■ OtherUrban



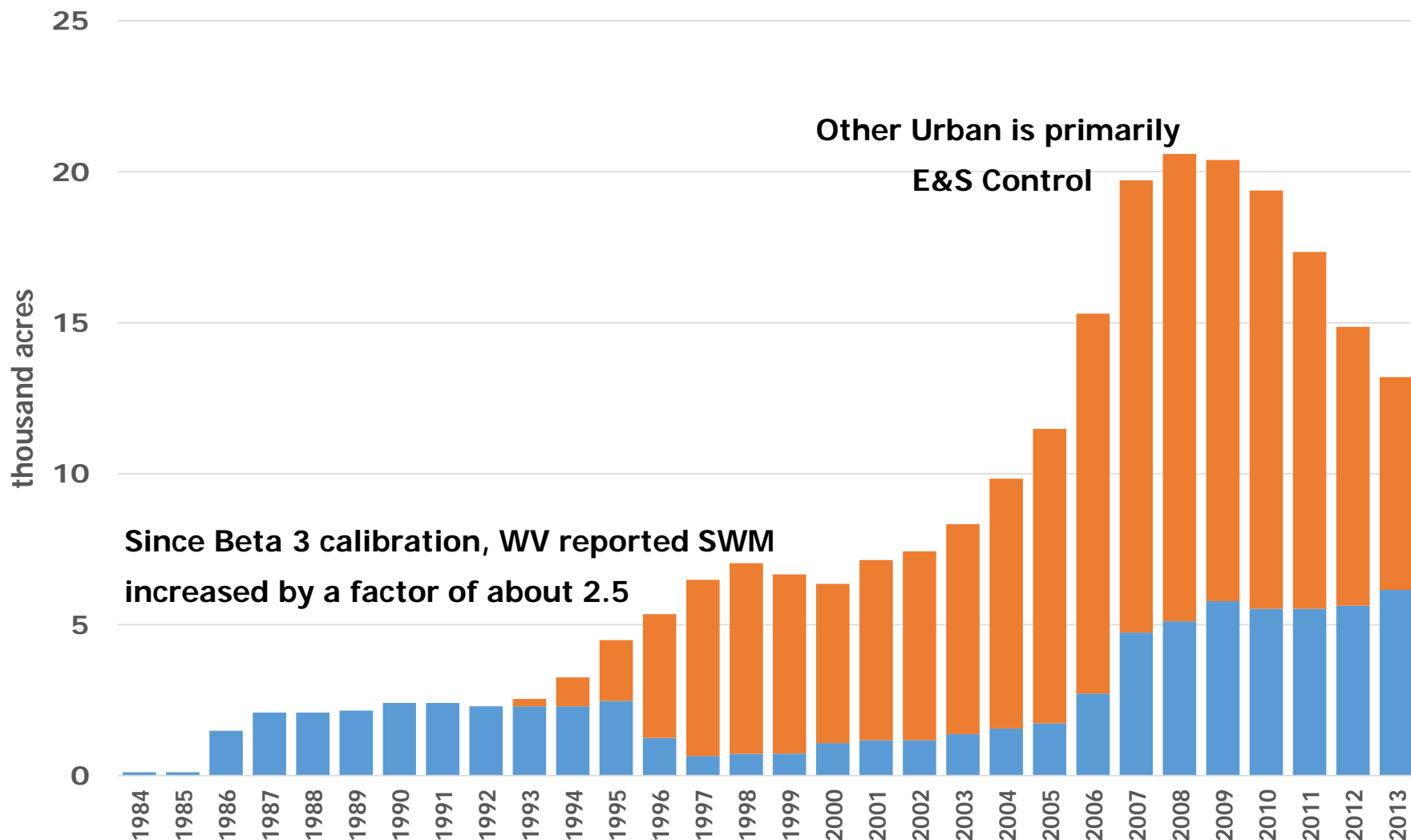


Reported Urban BMPs Acres (Phase6 Beta4) West Virginia

Phase 5 = 44K acres SWM reported through 2015

■ StormwaterManagement

■ OtherUrban

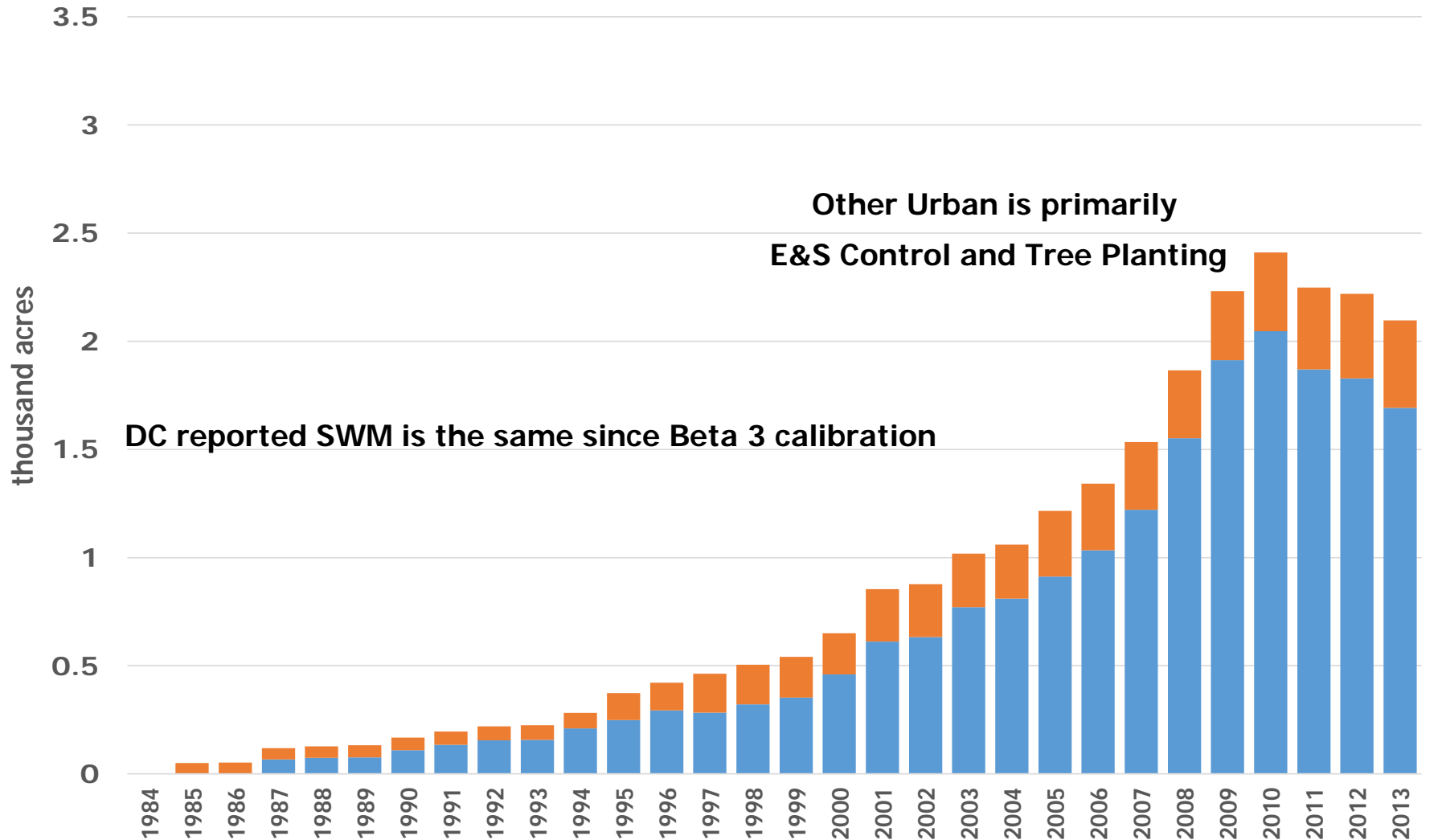




Reported Urban BMPs Acres (Phase6 Beta4) District of Columbia

■ StormwaterManagement

■ OtherUrban

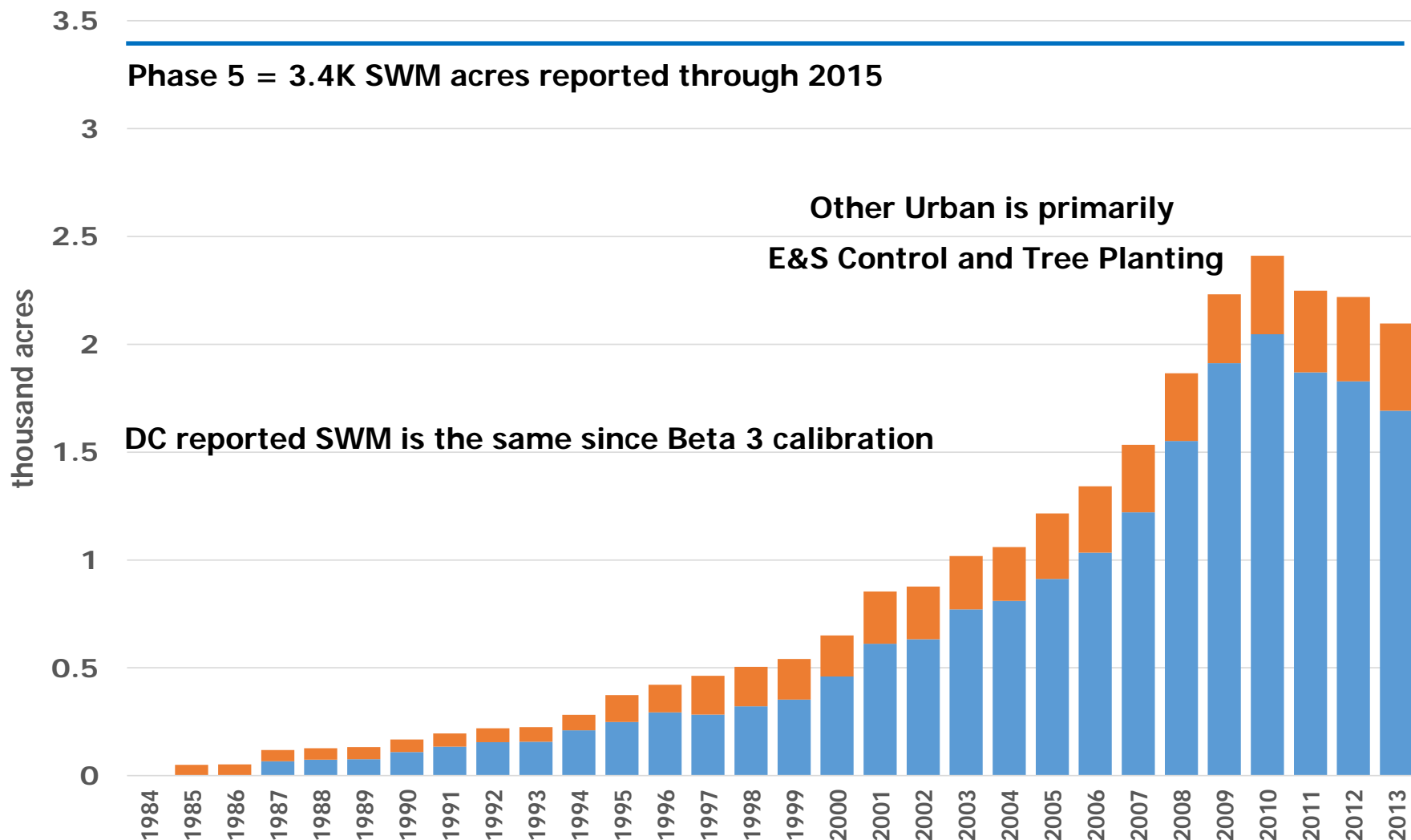




Reported Urban BMPs Acres (Phase6 Beta4) District of Columbia

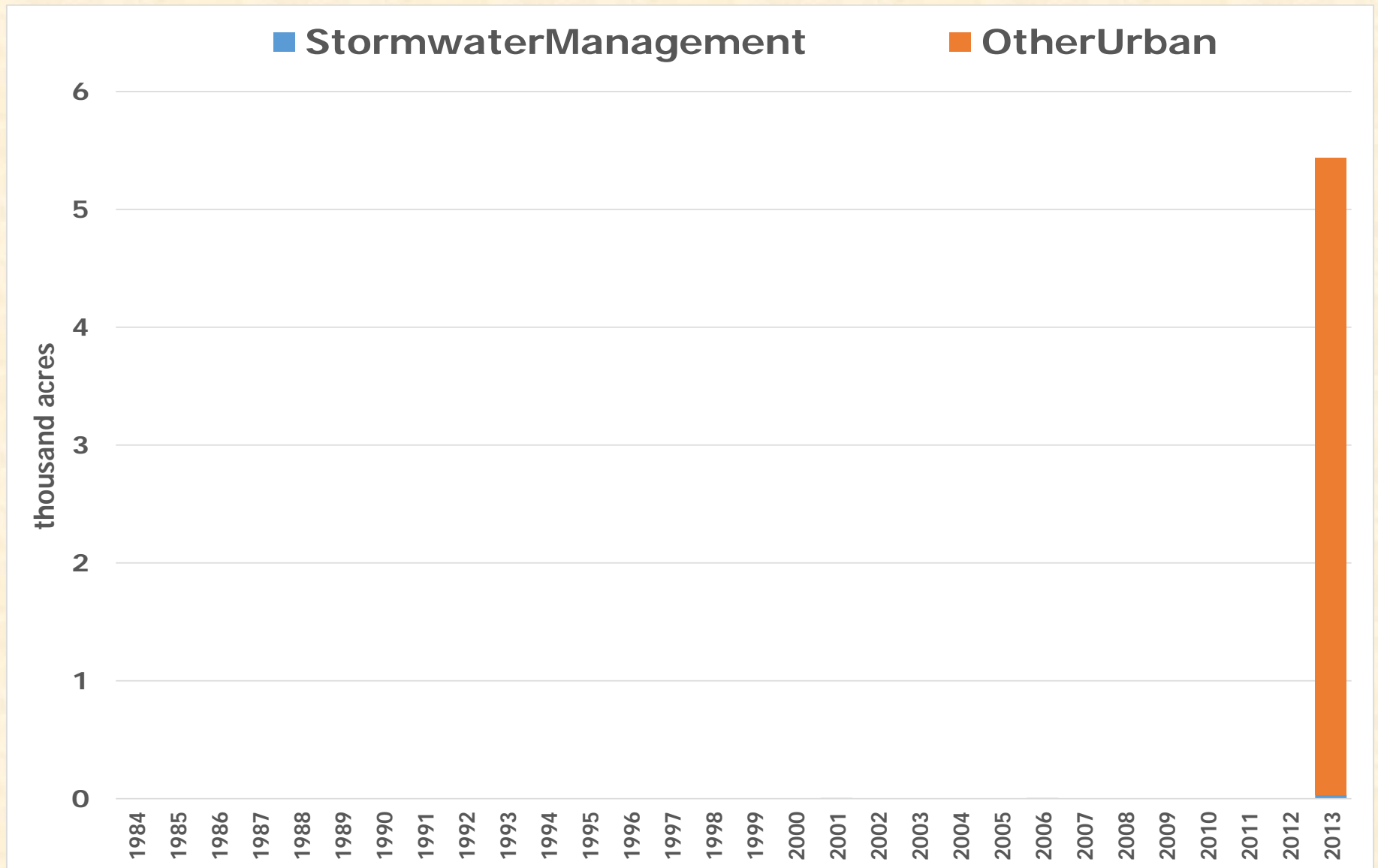
■ StormwaterManagement

■ OtherUrban



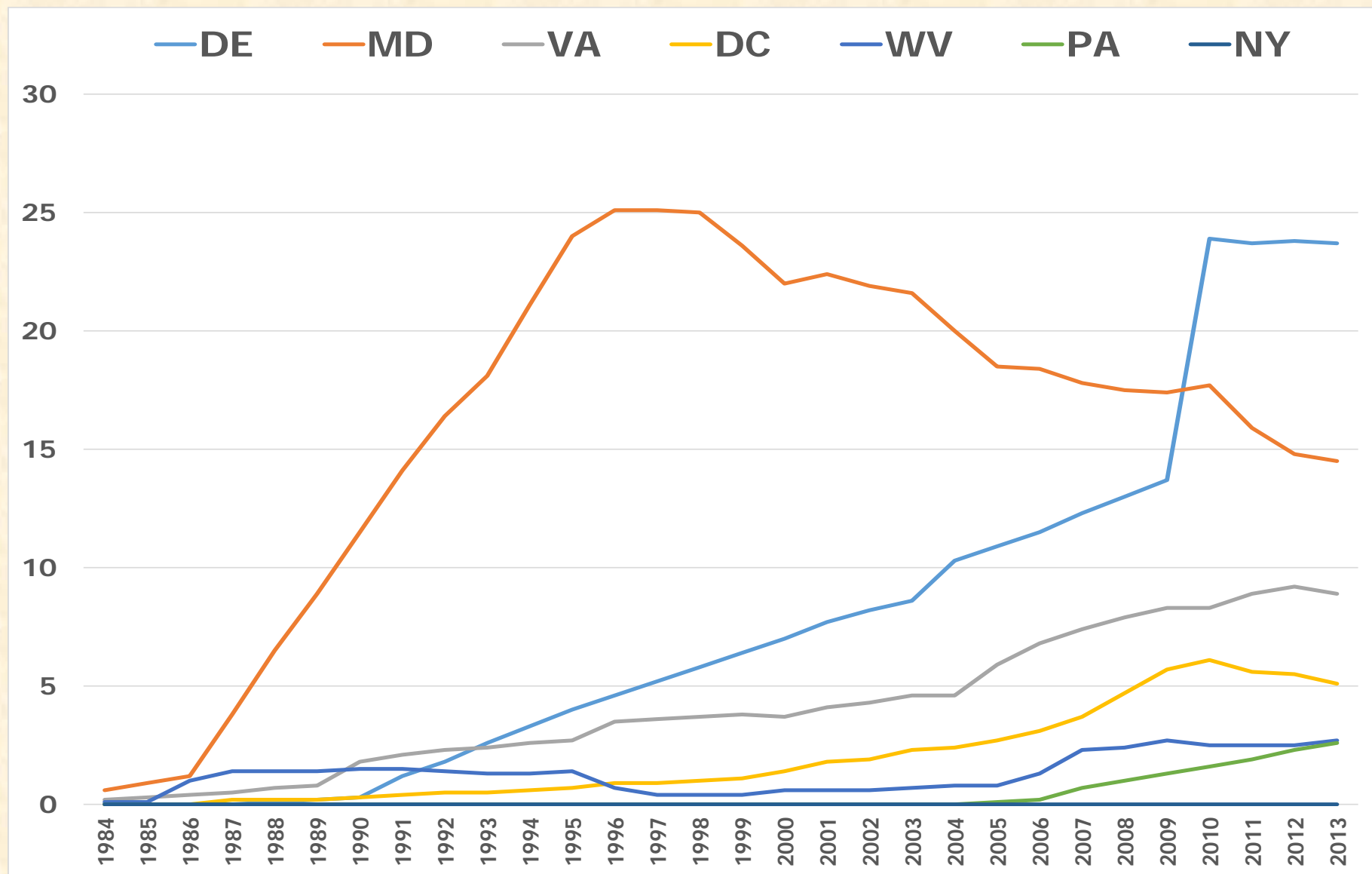


Reported Urban BMPs Acres (Phase6 Beta4) New York



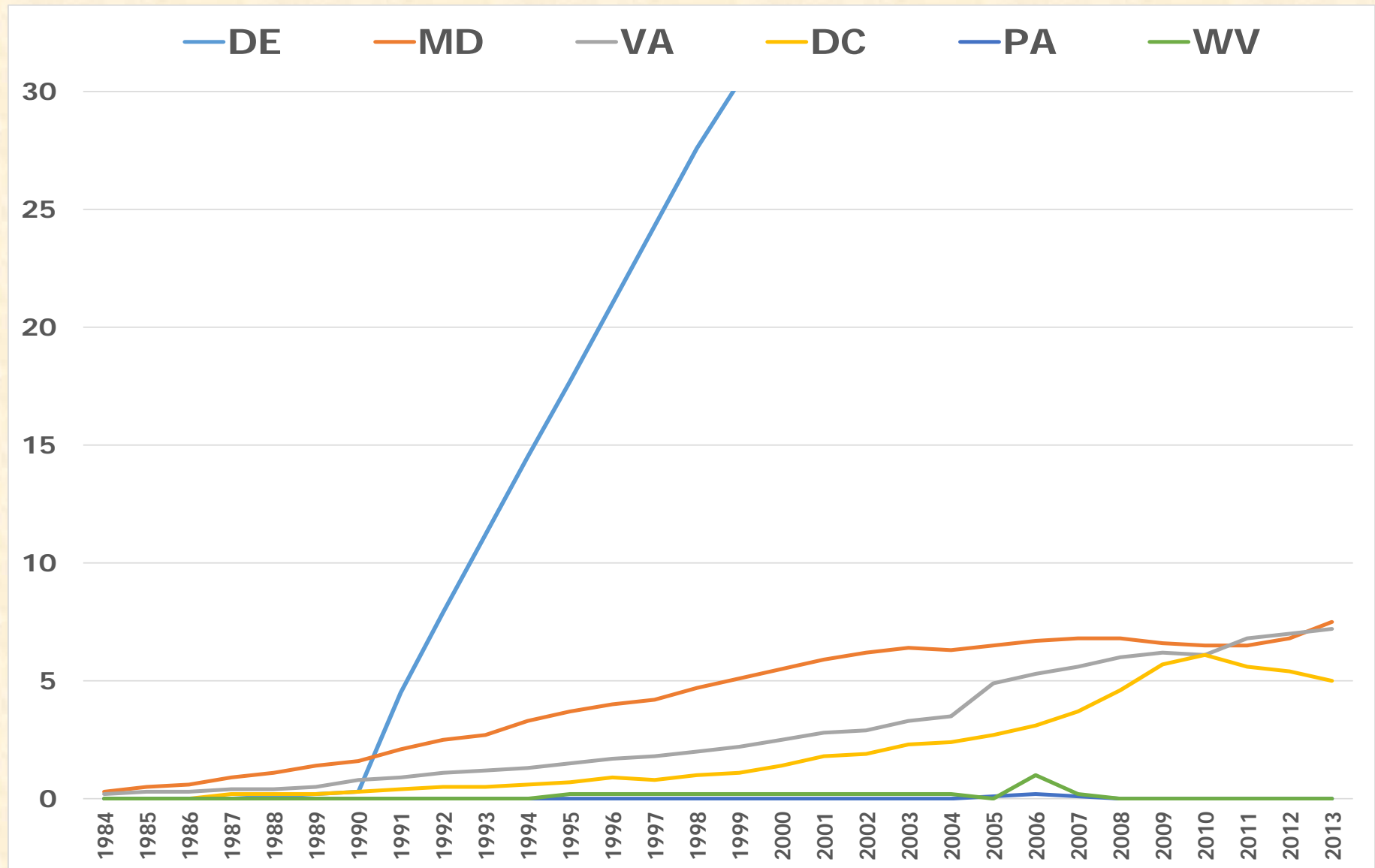


Stormwater Management Percent Implementation (Reported for Phase6 Beta4)





Stormwater Management Percent Implementation (Reported for Phase6 Beta3)





Urban Stormwater BMP History

Resources to complete historical data clean-up:

- Request for historic BMP data goes back more than 4 years
- Guidance documents
 - “Historic BMP and Wastewater Data Cleanup”
http://www.chesapeakebay.net/channel_files/22163/ii.a._historic_bmp_and_wastewater_data_cleanup_01212015.pdf
- Technical assistance – methods and submissions
- Money resources = CBIG and CBRAP Grants + WIP Assistance Funds
- Requests through PSC
- Regular reporting out of status by jurisdictions



Urban Stormwater BMP History

- Phase 6 model review period began early January, 2016
- Like Progress data, reporting of complete, quality-assured BMP historic data are grant deliverables
- Jurisdictions were expected to update this data through initial draft updates by June 30, 2016 and final updates by September 30, 2016
- Documentation was needed describing collection and estimation methods of historic BMP, wastewater and bio-solids data = QAPPs
- The WQGIT agreed to extend the deadline for submission of all Phase 6 model inputs to December 31, 2016 including the jurisdictions' submission of historical BMP data . . .