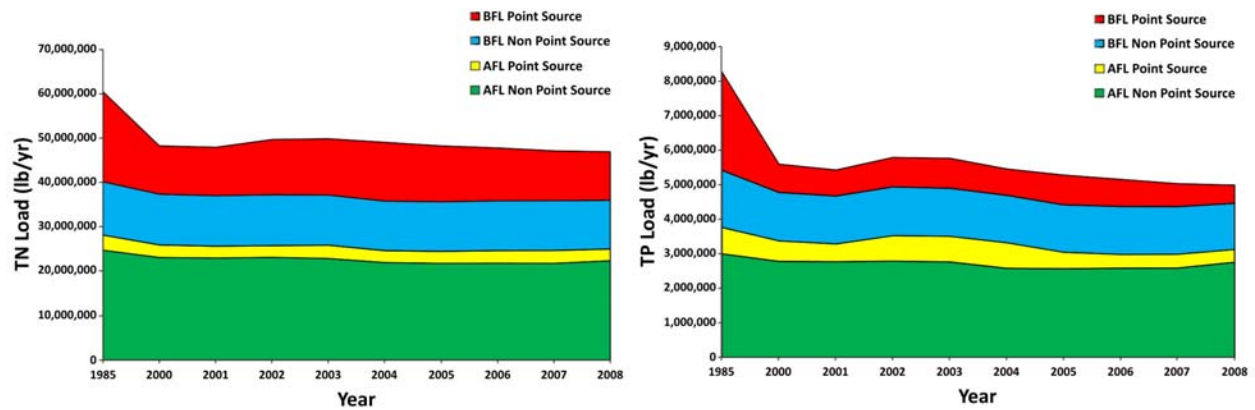
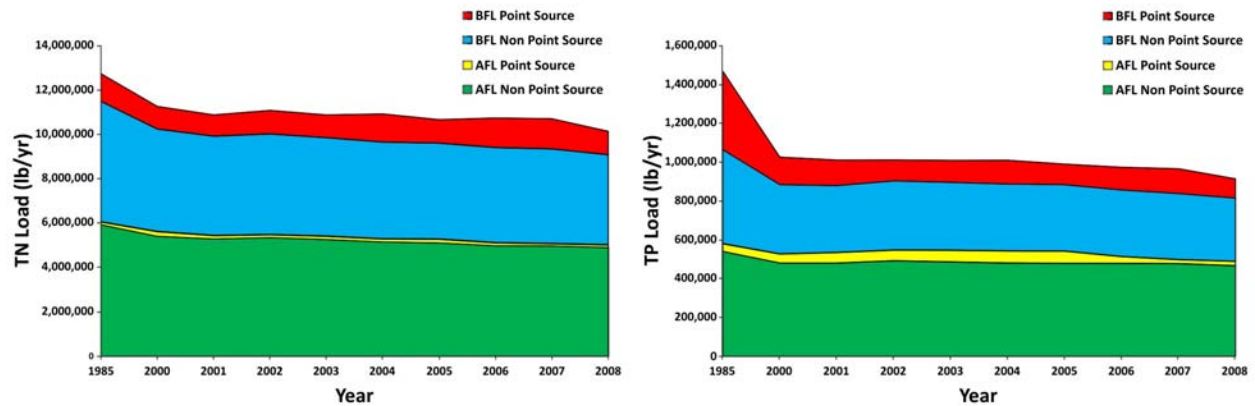


Appendix H - Spatial and Temporal Patterns in Nutrient and Sediment Loadings

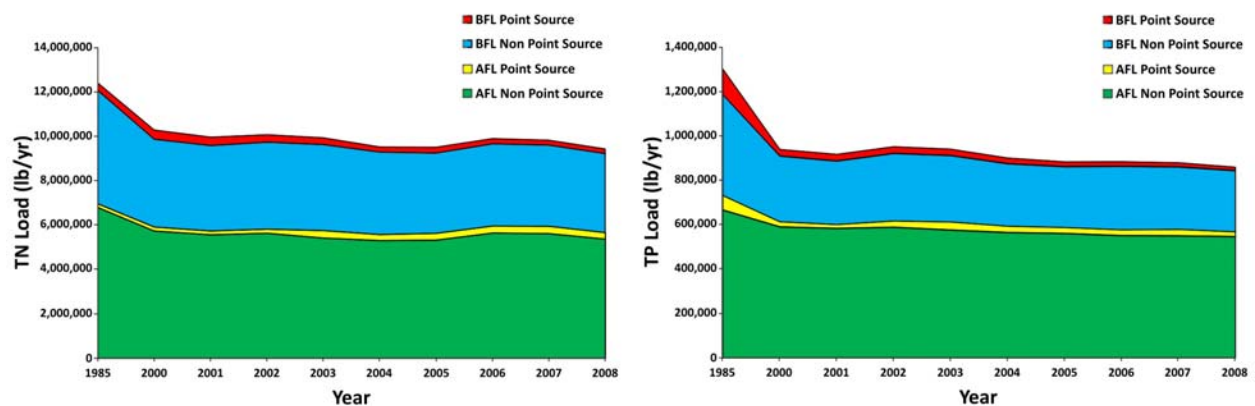
A. James River



B. York River

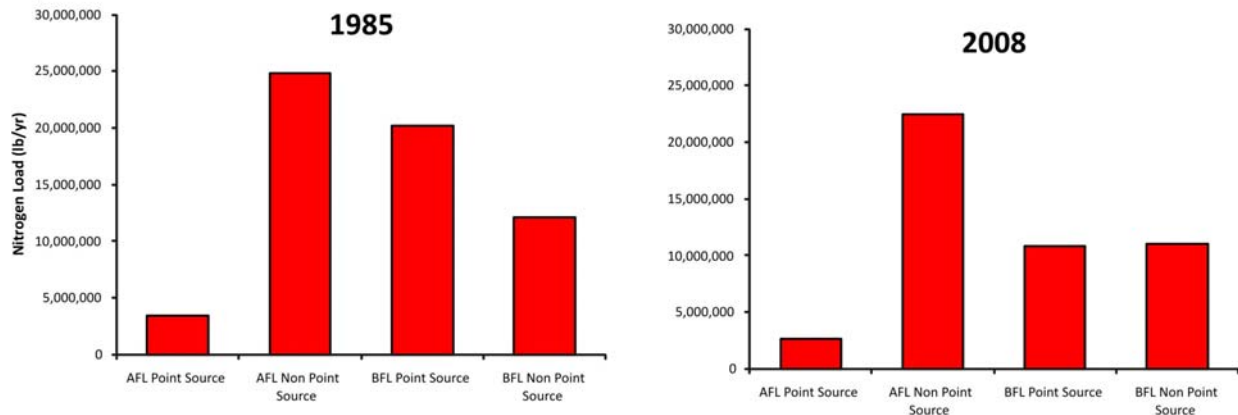


C. Rappahannock River

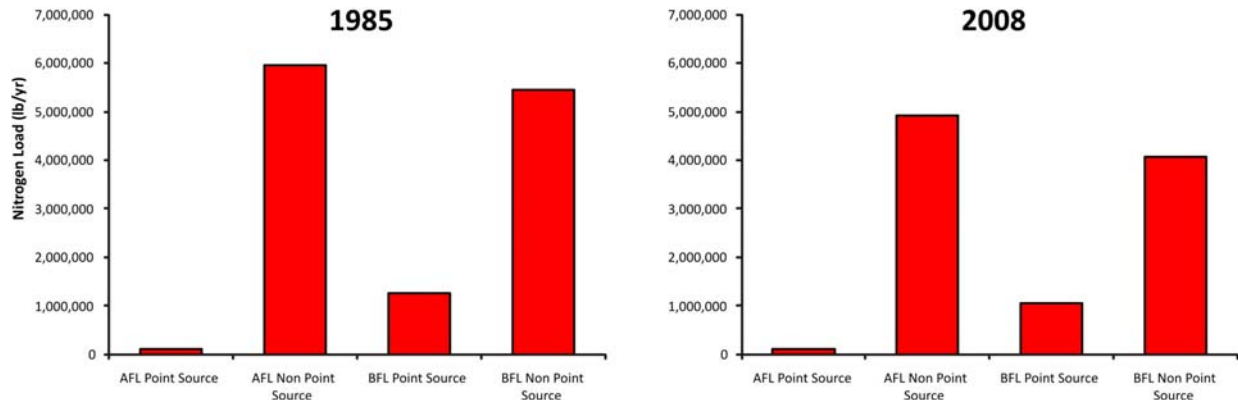


Appendix H - Figure 1. Long-term trends in total nitrogen and total phosphorus loads for point and non-point sources above fall-line (AFL) and below fall-line (BFL) from 1985 to 2008 for the A) James River, B) York River and C) Rappahannock River.

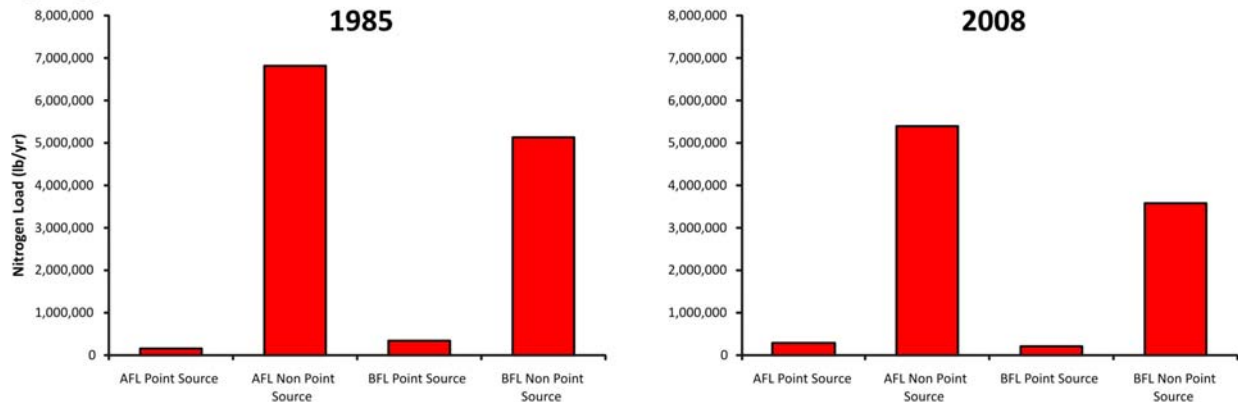
A) James River



B) York River

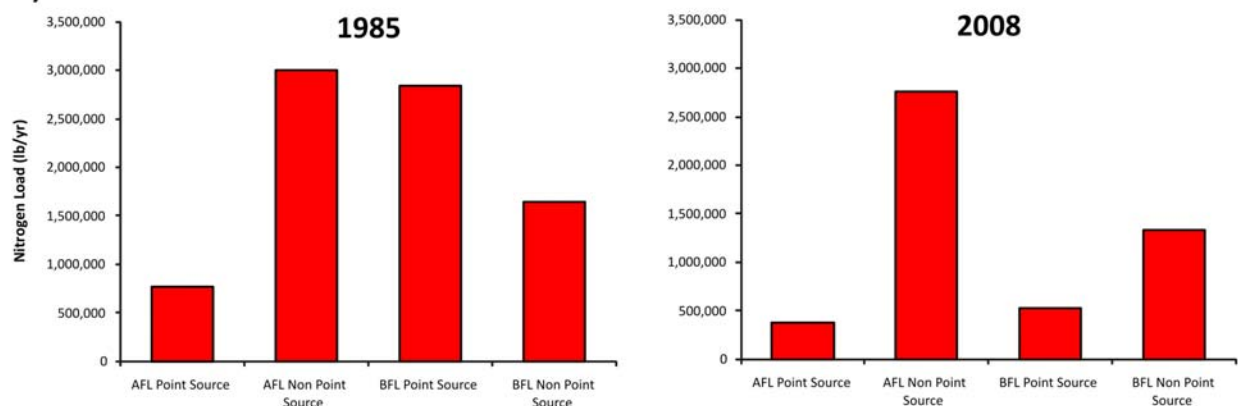


C) Rappahannock River

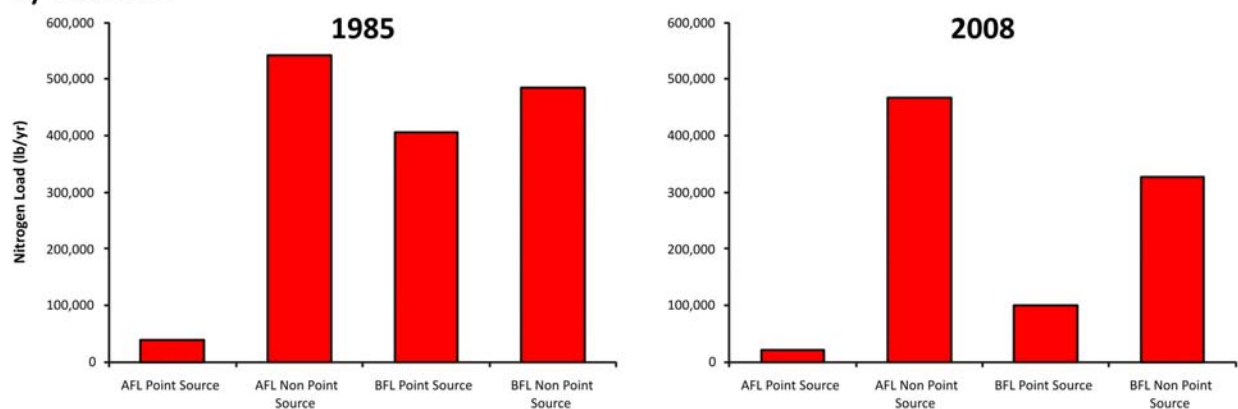


Appendix H - Figure 2. Comparison of the above fall-line (AFL) and below fall-line (BFL) point and non-point source total nitrogen loadings between 1985 and 2008 for the A) James River, B) York River and C) Rappahannock River.

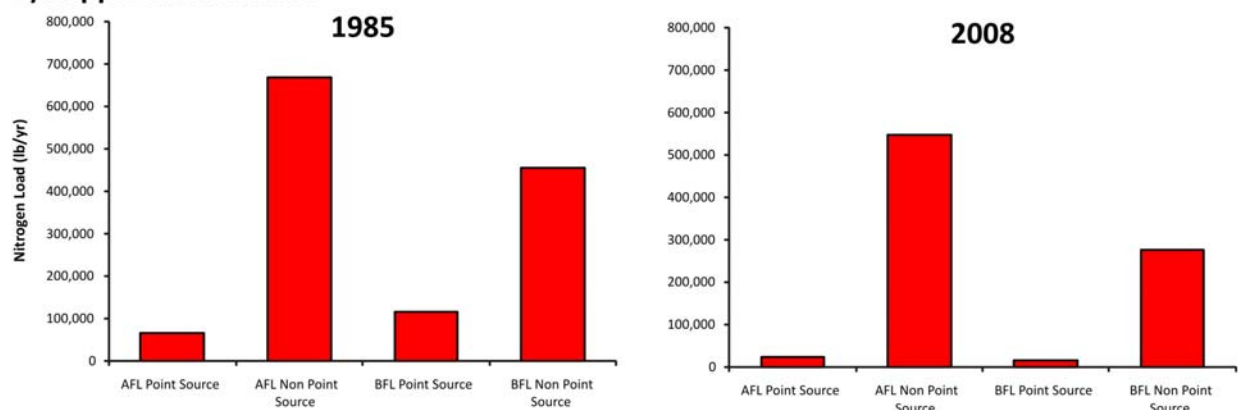
A) James River



B) York River



C) Rappahannock River



Appendix H - Figure 3. Comparison of the above fall-line (AFL) and below fall-line (BFL) point and non-point source total phosphorus loadings between 1985 and 2008 for the A) James River, B) York River and C) Rappahannock River.

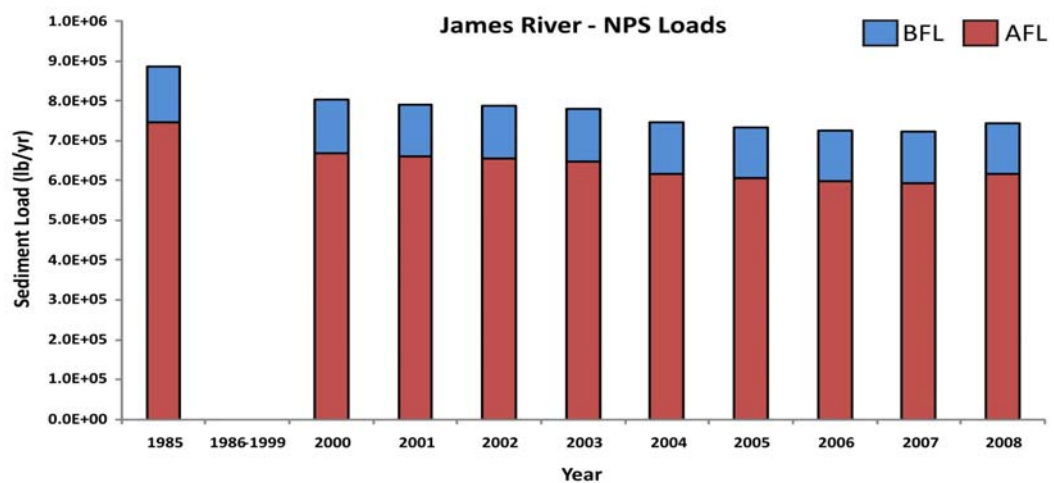
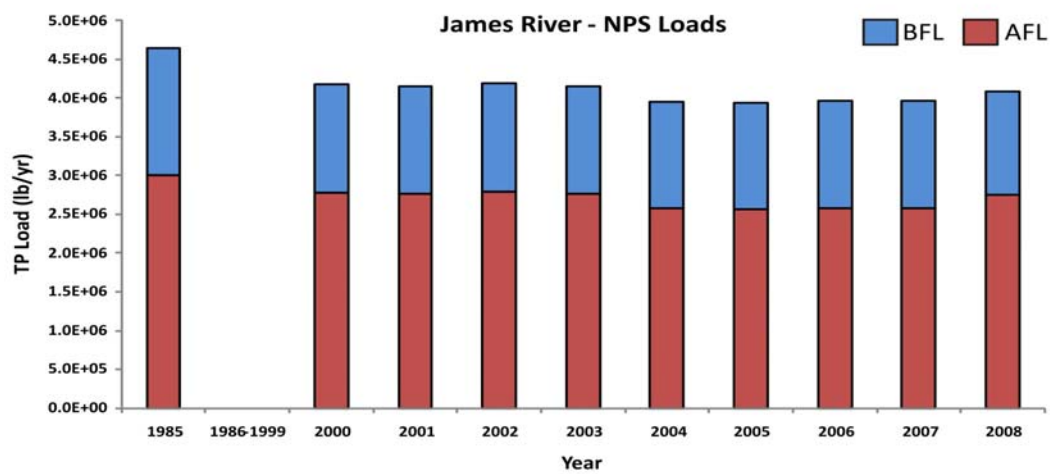
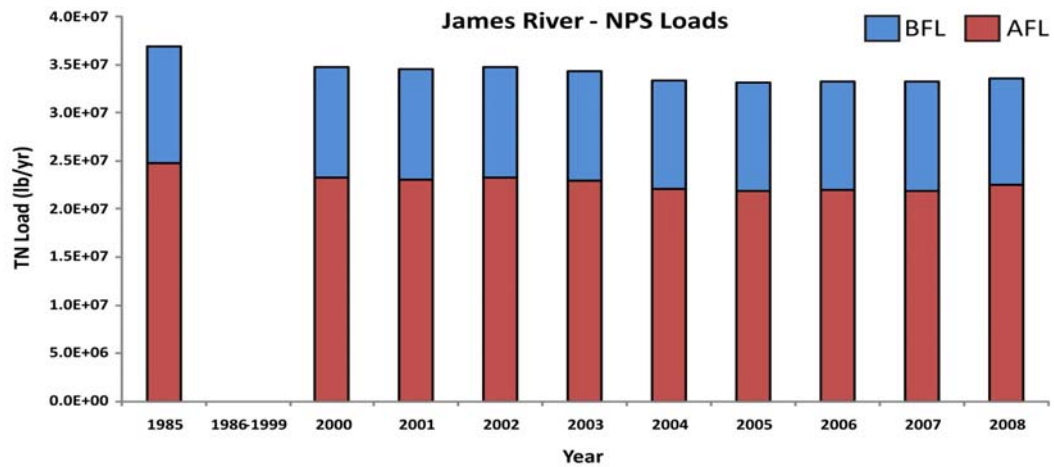


Figure 4. Long-term changes in non-point source (NPS) nitrogen, phosphorus and sediment loads above (AFL) and below (BFL) the fall-line in the James River for the period of 1985 through 2008. Loads presented are estimates generated by the CBP Watershed model (ver. 4.3).

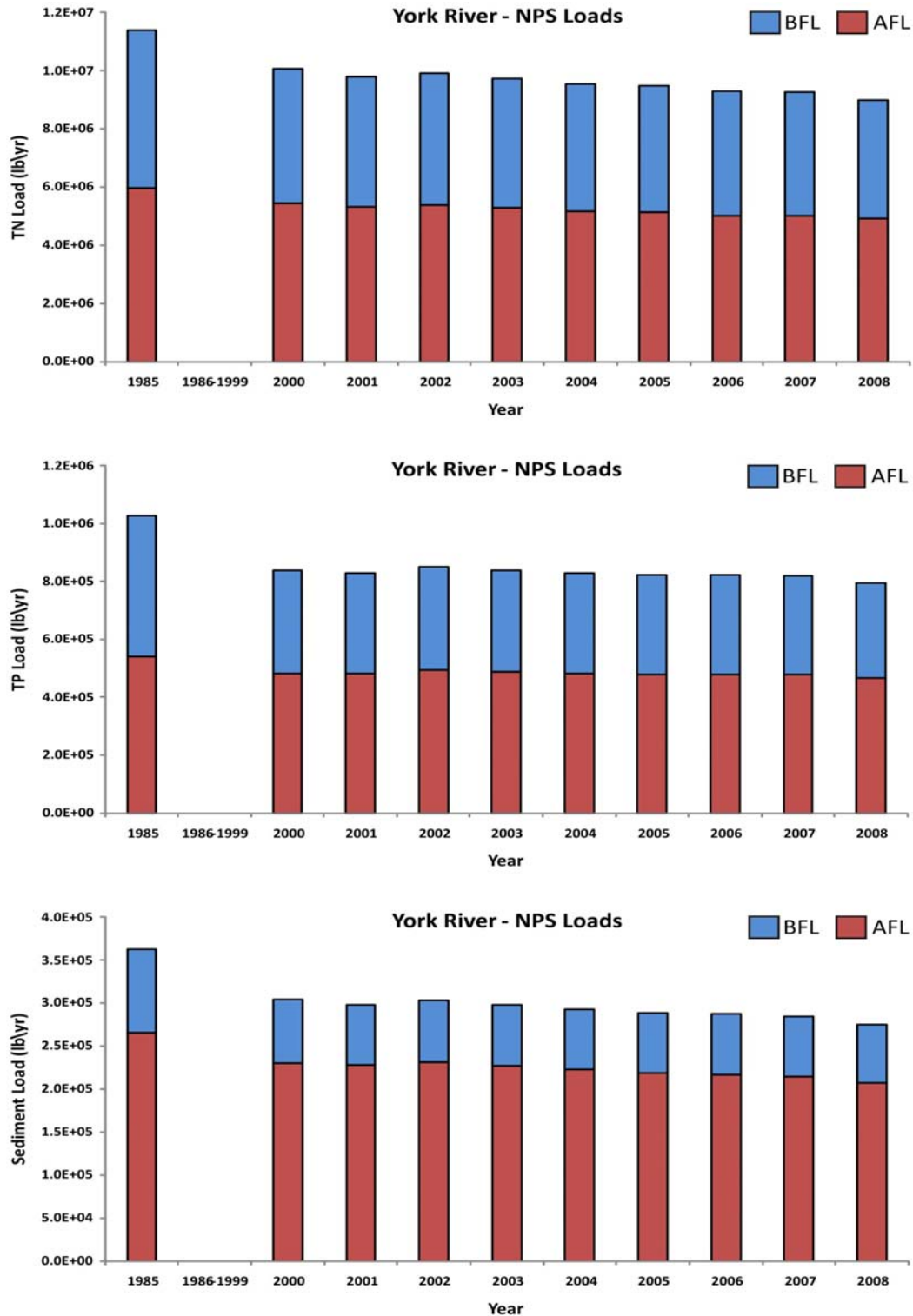


Figure 5. Long-term changes in non-point source (NPS) nitrogen, phosphorus and sediment loads above (AFL) and below (BFL) the fall-line in the York River for the period of 1985 through 2008. Loads presented are estimates generated by the CBP Watershed model (ver. 4.3).

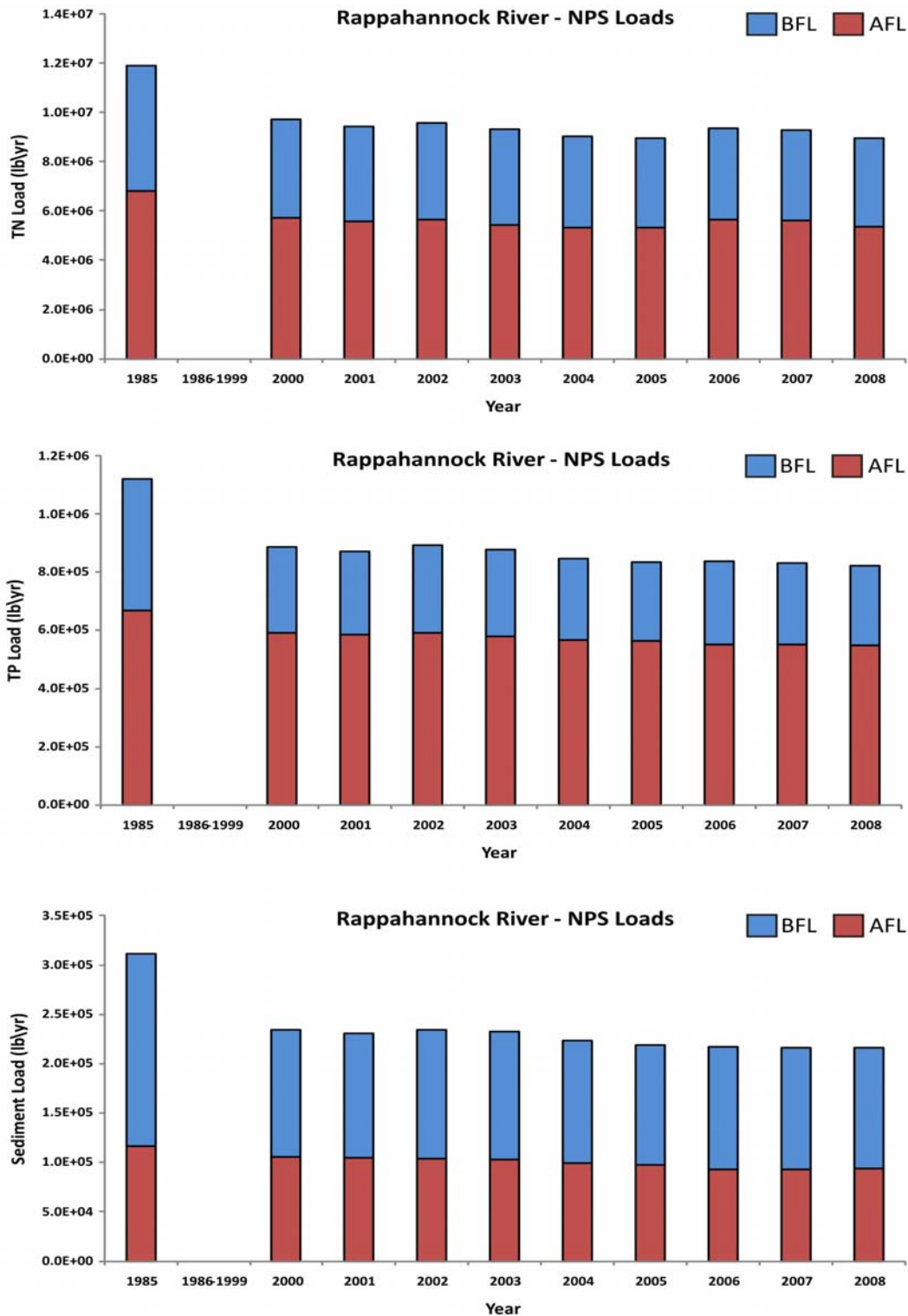


Figure 6. Long-term changes in non-point source (NPS) nitrogen, phosphorus and sediment loads above (AFL) and below (BFL) the fall-line in the Rappahannock River for the period of 1985 through 2008. Loads presented are estimates generated by the CBP Watershed model (ver. 4.3).