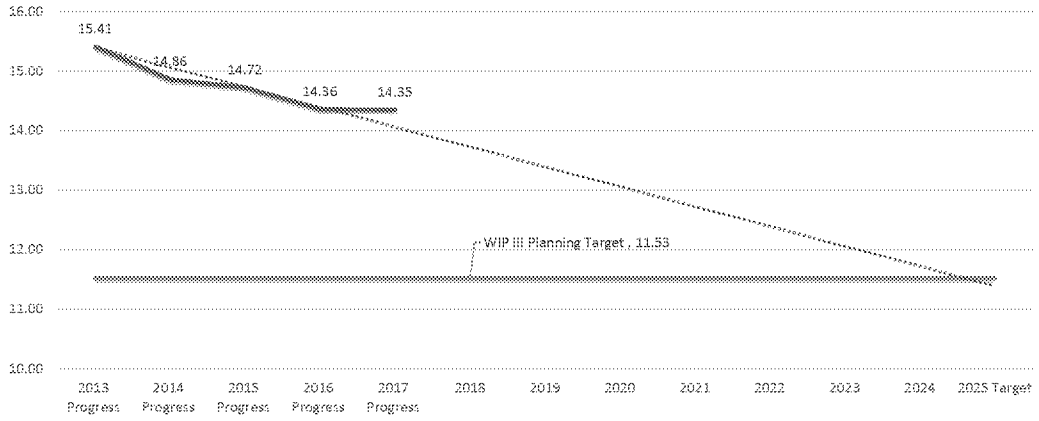
New York 2013-2017 Nitrogen and Phosphorus Progress

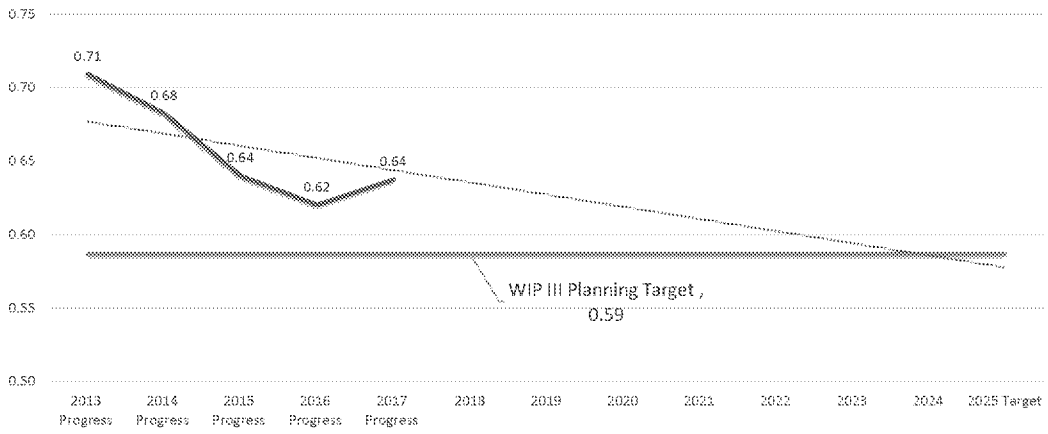
Planning Targets

NY Susquehanna	Phase III Planning Target (million pounds)	Amount reduced from 2013-2017 (million pounds)	2017 Progress (million pounds)	Amount to Reduce by 2025 (million pounds)
Nitrogen	11.533	1.06	14.35	2.82
Phosphorus	0.587	0.072	0.64	0.053

New York Nitrogen Load (Edge of Tide)



New York Phosphorus Load (Edge of Tide)



Nitrogen Reductions

2013-2017

Load Source	Nitrogen Load Reduction	Percent of Total Reduction
Agriculture	950,323	89.4%
Developed	15,959	1.5%
Natural	45,490	4.3%
Septic	-181	0%
Wastewater	51,779*	4.8%
Total	1,063,370	

*Nitrogen load allocations for significant WWTP will become more restrictive in 2017. This should result in a sharp drop off between 2018-2025 similar to the 58% reduction of phosphorus between 2013-2017.

Phosphorus Reductions

2013-2017

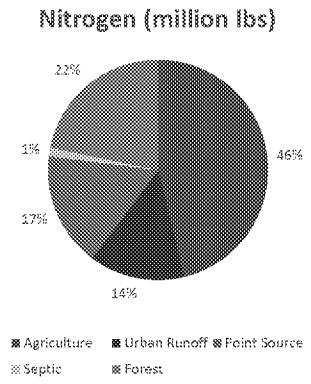
Load Source	Phosphorus Load Reduction	Percent of Total Reduction
Agriculture	17,504	24.4%
Developed	2,393	3.3%
Natural	9,977	13.9%
Septic	0	0%
Wastewater	41,947*	58.4%
Total	71,824	

*Nitrogen load allocations for significant WWTP will become more restrictive in 2017. This should result in a sharp drop off between 2018-2025 similar to the 58% reduction of phosphorus between 2013-2017.

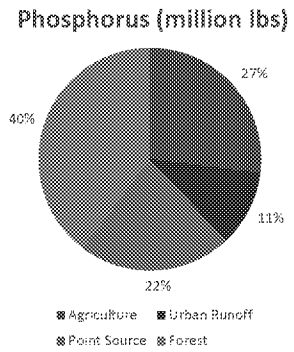
Nutrient Loading from Major Source Categories

(2017 CAST Data)

	Nitrogen (million pounds)
Agriculture	6.6 (46%)
Urban Runoff	2.0 (14%)
Point Source (wastewater)	2.4 (17%)
Septic	0.18 (1%)
Forest	3.1 (22%)
New York Totals	14.3



Nutrient Contributions from Major Source Categories

(2017 CAST Data)

	Phosphorus
Agriculture	0.17 (27%)
Urban Runoff	0.07 (12%)
Point Source (wastewater)	0.14 (22%)
Septic	0 (0%)
Forest	0.25 (39%)
New York Totals	0.632