



BLUE PLAINS 2007

Surefire Opportunity for Reducing Nitrogen in the Chesapeake Bay

Chesapeake Bay Commission
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Comparison of N Reductions

	# of Significant WWTPs	Nitrogen Reduction
MD	86	4.0 M lbs/yr
VA	124	3.1 M lbs/yr
PA	141	1.3 M lbs/yr
Blue Plains	1	Up to 3.8 M lbs/yr

Zeroing in on the Potomac River, 2005 Blue Plains Compared to 73 Other Plants

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	Wastewater Treatment Plants #	Flow (MGD)	Discharged Pounds of Nitrogen	Delivered Pounds Nitrogen
Blue Plains	1	330	5.0 M	5.0 M
MD	31	118	2.3 M	1.8 M
VA	42	217	5.6 M	4.2 M

MD & VA
Total = 73
plants

MD & VA
Total =
335 MGD

2007 Federal Funding

- Clean Water State Revolving Fund
 - Construction grants from EPA
 - \$5.2 M
- DC Appropriations Act
 - CSO LTCP
 - \$7 M
- Water Resources Development Act
 - Authorization over five years
 - Nutrient removal; \$30 M
 - CSO LTCP; \$35 M

Keeping Watch and Making Progress

- EPA: new permit compliance schedule and challenges
- DCWASA: partner to achieve Enhanced Nutrient Removal; communicate and advocate for Blue Plains and target key Congressional initiatives
- Congress: explore possible funding mechanisms to step-up the federal role
- Expand role of the CBC; continue dialog with neighboring and regional experts