

# ***MDEStat Meeting***

## ***March 23, 2009***



# Table 1: TMDL Acceleration Options

Option	Rough Estimate of Possible Nitrogen Reduction	Rough Estimate of Cost per Pound of Nitrogen Removed
a. Require developers or others to provide stormwater retrofits	864 lb. if all acres were retrofitted	\$3,500
b. Require anyone installing a new septic system to upgrade one or two existing septic systems to best available technology	1.3M lb. if all systems were retrofitted <sup>[1]</sup>	\$3,333 <sup>[2]</sup>
c. Charge fee for lawn fertilizer to support local nutrient management programs	1M – 6M lb., maybe more; depends on effect of fee on demand for fertilizer and effectiveness of local programs supported by fee	Unknown.
d. Require forest buffers around streams	TBD	TBD
e. Stream restoration	3.6M lb.	\$56

Note: Footnotes indicate my calculations. Numbers without footnotes were provided by SSA in the descriptions below.

## ***Table 2: Potential Candidates***

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<b>Watershed</b>	<b>Jurisdiction</b>
Antietam Creek	Washington
Bush River	Harford
Hall Creek	Calvert
Liberty	Carroll
Upper Choptank	Caroline
Marshyhope	Dorchester