Table 1. Pollutant Reductions Available from Each Protocol

Protocol	Submitted Unit	Total Nitrogen (lbs per unit)	Total Phosphorus (lbs per unit)	Total Suspended Sediment (lbs per unit)
Protocol 1 - Prevented Sediment	Linear Feet	~~NA at this time*~~Project-Specific*	~~NA at this time*~~Project-Specific*	Project-Specific
Protocol 2 – Denitrification	Acres of re-vegetation	85	NA	NA
Protocol 3 - Sedimentation	Acres of re-vegetation	NA	5.289	6,959
Protocol 4 – Marsh Redfield Ratio	Acres of re-vegetation	6.83	0.3	NA
Non-conforming/Existing Practices	Linear Feet	~~(NA at this time)*~~0.04756/ 0.01218*	~~(NA at this time)*~~0.03362/ 0.00861*	164 /42 **

Source: Table 1, p. 4 of the expert panel report

*The WTWG recommended no reductions for TN and TP until the Modeling Workgroup has an opportunity to evaluate the availability of TN and TP in shoreline sediments. The WTWG will be asked to approve reductions following this analysis (p. 2-3). This analysis indicated that an average of 0.00029 lbs TN/ lb of TSS and 0.000205 lbs TP/ lb of TSS. These values can be used directly by jurisdictions for their calculations in Protocol 1, and were adapted for non-conforming/existing practices by multiplying by the default TSS reduction for non-conforming projects by the average nutrient concentrations in sediment. The first number applies to MD, DE and DC and the second number applies to VA.

** The default rate is based on fine sediment erosion estimates from Table 3 and a 50% reduction factor applied. The first number applies to MD, DE and DC and the second number applies to VA.