

MS4 MUNICIPAL POLLUTANT REDUCTION REQUIREMENTS



Conventional Tillage Leads to Soil Loss



Crop Residue Protecting Soil Surface



Measuring Residue



East Cocalico Township

MS4 Required Sediment Reductions

	Cocalico Creek Watershed	Muddy Creek Watershed
10% Required Sediment Reduction (lbs.)	154,772	31,317

Calculation of FS4 Sediment Reductions

Residue Coverage	Sediment Reduction	Max. Sediment Loss (Lbs./Acre)*	Sediment Loss Reduction (Lbs./Acre)
30% - 59%	41%	1,917	786
60%+	79%	1,917	1,514

* Example for Cocalico Creek Watershed



CONTACT INFORMATION

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