

**Attachment 1
Town of Ashland**

Table 2 a: Calculation Sheet for Estimating Existing Source Loads for the James River Basin

***Based on Chesapeake Bay Program Watershed Model Phase 5.3.2**

Subsource	Pollutant	Total Existing Acres Served by MS4 (6/30/09)	2009 EOS Loading Rate (lbs/acre)	Estimated Total POC Load Based on 2009 Progress Run
Regulated Urban Impervious	Nitrogen	430.33	9.39	4,040.80
Regulated Urban Pervious		632.93	6.99	4,424.18
Regulated Urban Impervious	Phosphorus	430.33	1.76	757.38
Regulated Urban Pervious		632.93	0.5	316.47
Regulated Urban Impervious	Total Suspended Solids	430.33	676.94	291,307.59
Regulated Urban Pervious		632.93	101.08	63,976.56

Table 2 d: Calculation Sheet for Estimating Existing Source Loads for the York River Basin

***Based on Chesapeake Bay Program Watershed Model Phase 5.3.2**

Subsource	Pollutant	Total Existing Acres Served by MS4 (6/30/09)	2009 EOS Loading Rate (lbs/acre)	Estimated Total POC Load Based on 2009 Progress Run
Regulated Urban Impervious	Nitrogen	658.37	7.31	4,812.68
Regulated Urban Pervious		1004.57	7.65	7,684.96
Regulated Urban Impervious	Phosphorus	658.37	1.51	994.14
Regulated Urban Pervious		1004.57	0.51	512.33
Regulated Urban Impervious	Total Suspended Solids	658.37	456.68	300,664.41
Regulated Urban Pervious		1004.57	72.78	73,112.60