

APPENDIX B: SUPPLEMENTAL WATER RESOURCES DATA

**Table 1
Summary of Point and Nonpoint TN and TP Loading
Upper Pocomoke River Watershed with
2030 Willards Land Use Plan**

Land Use and Septic Systems

	2002 LU, 2002 BMPs	2002 LU, Trib Strat BMPs	Scenario 1 Trib Strat BMPs
	(Acres)	(Acres)	(Acres)
Development	3,125	3,125	3,222
Agriculture	41,941	41,941	41,876
Forest	49,944	49,944	49,913
Water	47	47	47
Other	621	621	621
Total Area	95,679	95,679	95,679

Residential Septic (EDUs)	1,347	2,151	2,151
Non-Residential Septic (EDUs)	108	215	215

Total Nitrogen Loading

	2002 LU, 2002 BMPs	2002 LU, Trib Strat BMPs	Scenario 1 Trib Strat BMPs
	(Lbs/Yr)	(Lbs/Yr)	(Lbs/Yr)
Development NPS	27,426	18,864	19,443
Agriculture NPS	661,840	368,103	367,504
Forest NPS	74,093	69,922	69,878
Other Terrestrial NPS	5,456	3,760	3,760
Total Terrestrial Load	768,815	460,649	460,585

Residential Septic (EDUs)	12,948	20,677	19,445
Non-Residential Septic (EDUs)	369	737	693
Total Septic Load	13,317	21,414	20,138

Total NPS Nitrogen Load	782,132	482,063	480,724
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Total PS Load	8,277	8,277	6,702
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Total Nitrogen Load (NPS+PS)	790,409	490,340	487,426
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Total Phosphorus Loading

	2002 LU, 2002 BMPs	2002 LU, Trib Strat BMPs	Scenario 1 Trib Strat BMPs
	(Lbs/Yr)	(Lbs/Yr)	(Lbs/Yr)
Development NPS	3,554	1,268	1,307
Agriculture NPS	46,931	40,341	40,272

Forest NPS	1,122	999	998
Other Terrestrial NPS	713	252	252
Total Terrestrial Load	52,320	42,860	42,829
Total PS Load	1,381	1,381	1,289
Total Phosphorus Load (NPS+PS)	53,702	44,241	44,118

Impervious Cover and Open Space

	2002 LU, 2002 BMPs	2002 LU, Trib Strat BMPs	Scenario 1 Trib Strat BMPs
Total Impervious Cover	820	820	863
Open Space. Agriculture	41,941	41,941	41,876
Forest	49,883	49,883	49,851
Percent Impervious Cover	0.86%	0.86%	0.90%

**Table 2
Summary of Point and Nonpoint TN and TP Loading
DNR 12 Digit Watershed 021302030652 with
2030 Willards Land Use Plan**

Land Use and Septic Systems

	2002 LU, 2002 BMPs	2002 LU, Trib Strat BMPs	Scenario 1 Trib Strat BMPs
	(Acres)	(Acres)	(Acres)
Development	746	746	843
Agriculture	6,421	6,421	6,355
Forest	4,087	4,087	4,056
Water	15	15	15
Other	20	20	20
Total Area	11,289	11,289	11,289

Residential Septic (EDUs)	0	260	260
Non-Residential Septic (EDUs)	0	3	3

Total Nitrogen Loading

	2002 LU, 2002 BMPs	2002 LU, Trib Strat BMPs	Scenario 1 Trib Strat BMPs
	(Lbs/Yr)	(Lbs/Yr)	(Lbs/Yr)
Development NPS	6,536	4,500	5,079
Agriculture NPS	101,364	56,437	55,839
Forest NPS	6,063	5,722	5,678
Other Terrestrial NPS	178	123	123
Total Terrestrial Load	114,142	66,783	66,719

Residential Septic (EDUs)	0	2,499	2,350
Non-Residential Septic (EDUs)	0	9	8
Total Septic Load	0	2,508	2,358

Total NPS Nitrogen Load	114,142	69,291	69,077
Total PS Load	8,277	8,277	6,702
Total Nitrogen Load (NPS+PS)	122,419	77,568	75,779

Total Phosphorus Loading

	2002 LU, 2002 BMPs	2002 LU, Trib Strat BMPs	Scenario 1 Trib Strat BMPs
	(Lbs/Yr)	(Lbs/Yr)	(Lbs/Yr)
Development NPS	840	303	341
Agriculture NPS	7,233	6,188	6,118
Forest NPS	92	82	81
Other Terrestrial NPS	24	8	8
Total Terrestrial Load	8,189	6,580	6,549
Total PS Load	1,381	1,381	1,289
Total Phosphorus Load (NPS+PS)	9,570	7,961	7,838

Impervious Cover and Open Space

		2002 LU, 2002 BMPs	2002 LU, Trib Strat BMPs	Scenario 1 Trib Strat BMPs
	Total Impervious Cover	178	178	221
Open Space	Agriculture	6,421	6,421	6,355
	Forest	4,087	4,087	4,056
Percent Impervious Cover		1.58%	1.58%	1.96%