

FINAL

Appendix D

Table D.1: Baseline Scenario Loads By County and Source

Total Phosphorus (lbs/yr), Prettyboy Reservoir					
Type	Baltimore	Carroll	Harford	York	Total
Crop	13,316	13,900	0	1,261	28,477
Developed	1,005	1,738	0	8	2,750
Forest	2,258	1,013	0	116	3,387
Animal Waste	2,108	4,342	0	625	7,075
Mixed Open	9	105	0	0	113
Pasture	2,599	3,377	0	1,060	7,036
Scour	436	691	0	61	1,188
Point Source		506			506
Total	21,731	25,671	0	3,131	50,532
Total Phosphorus (lbs/yr), Loch Raven Reservoir					
Type	Baltimore	Carroll	Harford	York	Total
Crop	34,755	200	1,214	1,037	37,206
Developed	17,943	171	22	10	18,146
Forest	8,650	4	17	48	8,719
Animal Waste	11,749	23	138	815	12,725
Mixed Open	6,463	301	16	0	6,780
Pasture	10,035	0	91	691	10,818
Scour	2,032	2	11	21	2,067
Point Source		823			823
Prettyboy Reservoir					12,999
Total	91,627	1,524	1,510	2,623	110,282
Sediment (tons/yr), Loch Raven Reservoir					
Type	Baltimore	Carroll	Harford	York	Total
Crop	21,107	145	567	473	22,292
Developed	1,085	3	1	0	1,090
Forest	3,291	1	6	17	3,315
Manure	0	0	0	0	0
Mixed Open	20	0	0	0	20
Pasture	2,155	0	18	138	2,311
Scour	8,870	10	25	46	8,951
Point Source	59	41			100
Prettyboy Reservoir					587
Total	36,586	201	617	675	38,666

Table D.2: Possible Scenario For Distribution of TMDL Loads By County and Source

Total Phosphorus (lbs/yr), Prettyboy Reservoir					
Type	Baltimore	Carroll	Harford	York	Total
Crop	3,887	4,057	0	1,261	9,205
Developed	854	1,477	0	8	2,339
Forest	2,258	1,013	0	116	3,387
Animal Waste	615	1,267	0	625	2,508
Mixed Open	7	89	0	0	96
Pasture	758	986	0	1,060	2,804
Scour	436	691	0	61	1,188
Point Source		506			506
Total	8,816	10,086	0	3,131	22,032
Total Phosphorus (lbs/yr), Loch Raven Reservoir					
Type	Baltimore	Carroll	Harford	York	Total
Crop	6,183	36	216	1,037	7,471
Developed	15,252	145	19	10	15,426
Forest	8,650	4	17	48	8,719
Animal Waste	2,090	4	25	815	2,934
Mixed Open	5,493	256	14	0	5,763
Pasture	1,785	0	16	691	2,493
Scour	2,032	2	11	21	2,067
Point Source		823			823
Prettyboy Reservoir					6,500
Total	41,484	1,270	317	2,623	52,194
Sediment (tons/yr), Loch Raven Reservoir					
Type	Baltimore	Carroll	Harford	York	Total
Crop	12,666	87	340	473	13,567
Developed	1,085	3	1	0	1,090
Forest	3,291	1	6	17	3,315
Manure	0	0	0	0	0
Mixed Open	20	0	0	0	20
Pasture	1,293	0	11	138	1,442
Scour	8,870	10	25	46	8,951
Point Source	59	41			100
Prettyboy Reservoir					440
Total	27,284	143	383	675	28,925

Table D.3: Percent Reductions Under Possible Scenario For Distribution of TMDL Loads By County and Source

Total Phosphorus (lbs/yr), Prettyboy Reservoir					
Type	Baltimore	Carroll	Harford	York	Total
Crop	71%	71%	71%	0%	
Developed	15%	15%	15%	0%	
Forest	0%	0%	0%	0%	
Animal Waste	71%	71%	71%	0%	
Mixed Open	15%	15%	15%	0%	
Pasture	71%	71%	71%	0%	
Scour	0%	0%	0%	0%	
Point Source					
Total					
Total Phosphorus (lbs/yr), Loch Raven Reservoir					
Type	Baltimore	Carroll	Harford	York	Total
Crop	82%	82%	82%	0%	
Developed	15%	15%	15%	0%	
Forest	0%	0%	0%	0%	
Animal Waste	82%	82%	82%	0%	
Mixed Open	15%	15%	15%	0%	
Pasture	82%	82%	82%	0%	
Scour	0%	0%	0%	0%	
Point Source					
Prettyboy Reservoir					50%
Total					
Sediment (tons/yr), Loch Raven Reservoir					
Type	Baltimore	Carroll	Harford	York	Total
Crop	40%	40%	40%	0%	
Developed	0%	0%	0%	0%	
Forest	0%	0%	0%	0%	
Manure	0%	0%	0%	0%	
Mixed Open	0%	44%	0%	0%	
Pasture	40%	40%	40%	0%	
Scour	0%	0%	0%	0%	
Point Source					
Prettyboy Reservoir					25%
Total					