

Blair County Forest Buffer Summary

100 ft. Width

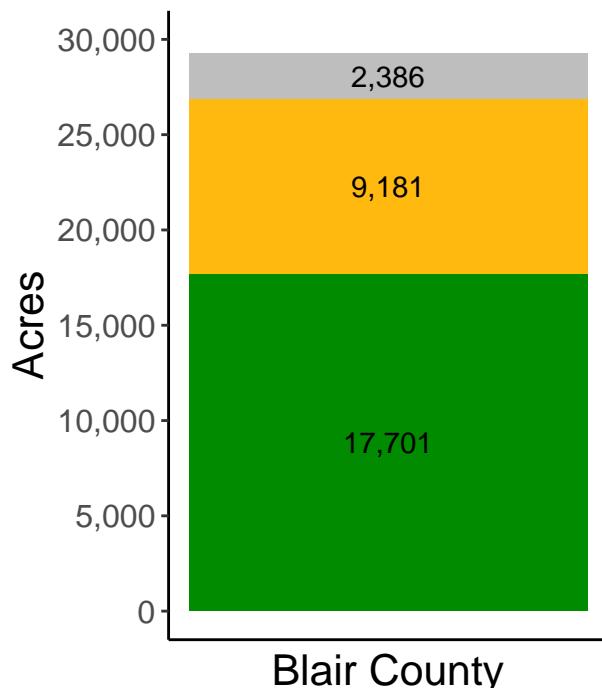
Created by: Chesapeake Conservancy, February 2019

Data Description

The buffer analysis is based on two Geospatial Information Systems (GIS) datasets created by Chesapeake Conservancy and partners. The enhanced flow path water network dataset was derived from 2006 & 2008 PAMAP Statewide digital elevation models (DEMs), developed from Lidar data. Channel heads were assigned where upslope drainage accumulation reached 60 acres. Flow paths were widened based on US Geological Survey regional curves and enhanced with high-resolution land cover. The high-resolution land cover dataset was derived from 2013 National Agriculture Inventory Program imagery. Both datasets have a spatial resolution of 1 meter. Pixels from the high-resolution land cover dataset within 35 ft. and 100 ft. distances of the enhanced flow path water network were considered in the buffer analysis. For more information and to download datasets, go to www.ChesapeakeConservancy.org and search for “data downloader.”

County Summary

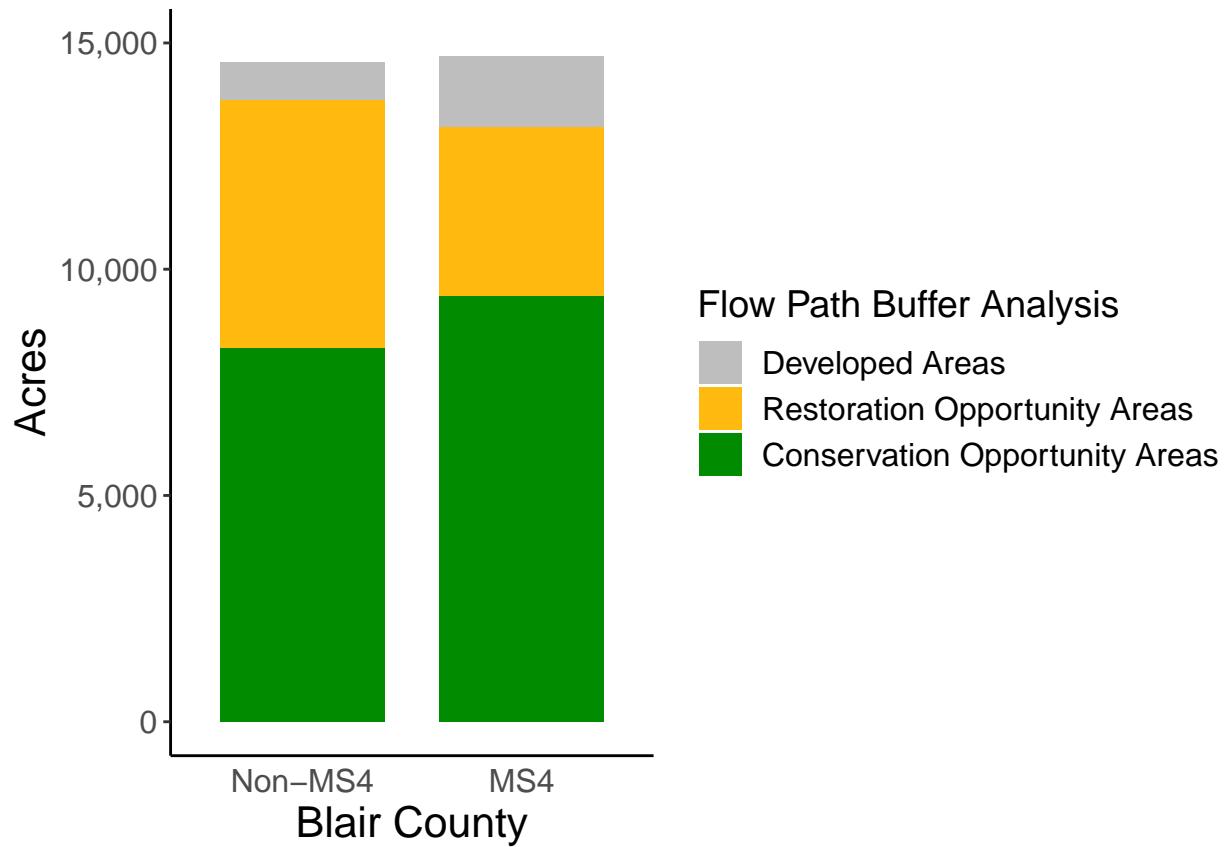
Blair County contains a total of 9,181 acres of flow path restoration opportunity area, and has 60.48% forest buffer coverage. Blair County has complete buffer data coverage.



Buffer classes	Land cover classes
Developed flow path areas	Structures
	Impervious surfaces
	Impervious roads
	Tree canopy over structures
	Tree canopy over impervious surfaces
	Tree canopy over impervious roads
Flow path restoration opportunity areas	Wetlands
	Low vegetation
	Barren
Flow path conservation opportunity areas	Tree canopy
	Shrubland

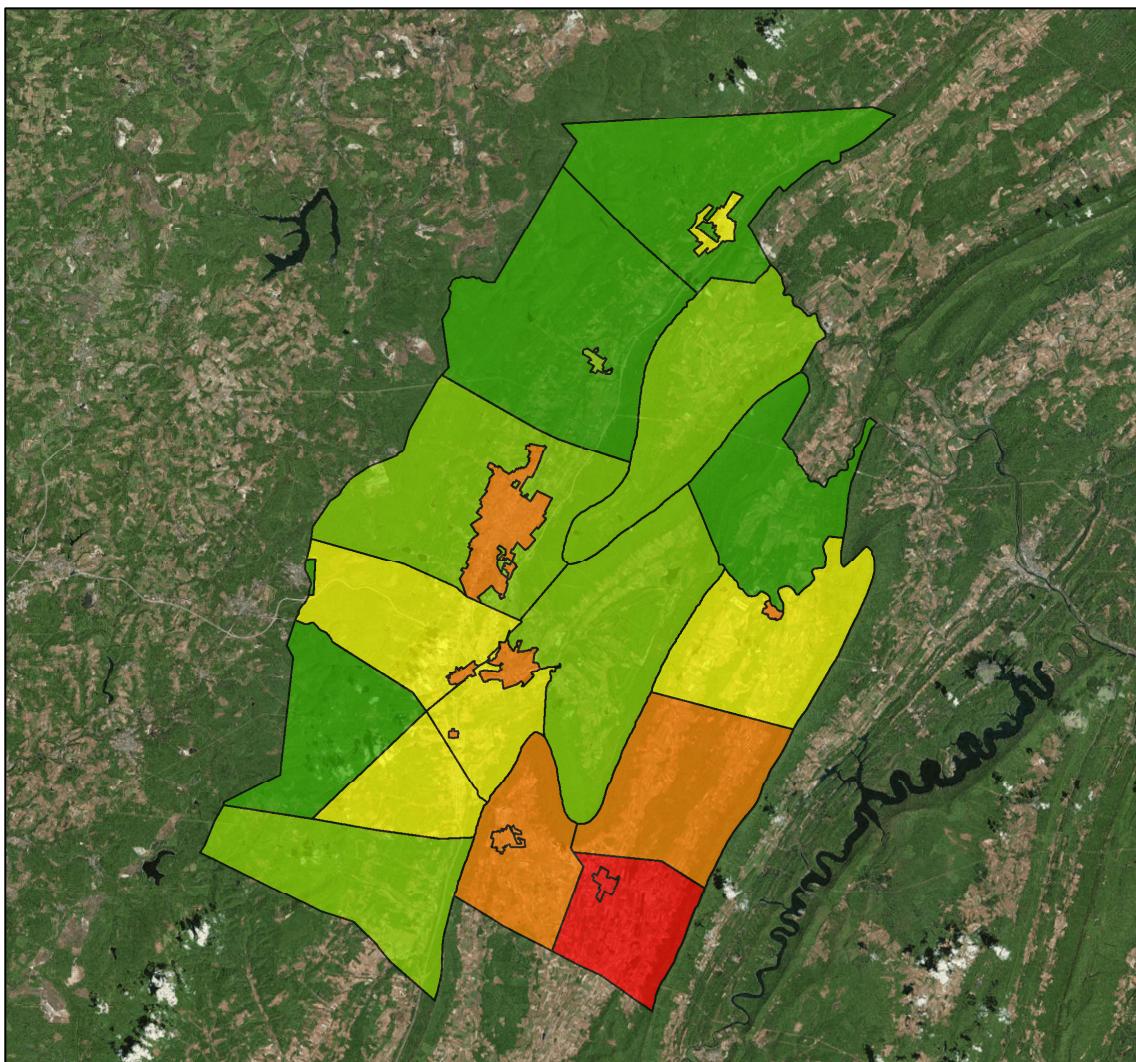
Municipal Separate Storm Sewer System (MS4) Regulated Municipality Summary

Totals by Municipalities



Averages for MS4 and Non-MS4 Municipalities

	Non-MS4	MS4
Conservation Opportunity Areas (Acres)	636	786
Restoration Opportunity Areas (Acres)	421	309
Developed Areas (Acres)	63	130
Total Buffer Acres	1120	1226
Percent Forest Buffer Coverage (%)	49.75	54.03



Blair County Municipalities

0 5 10 Miles

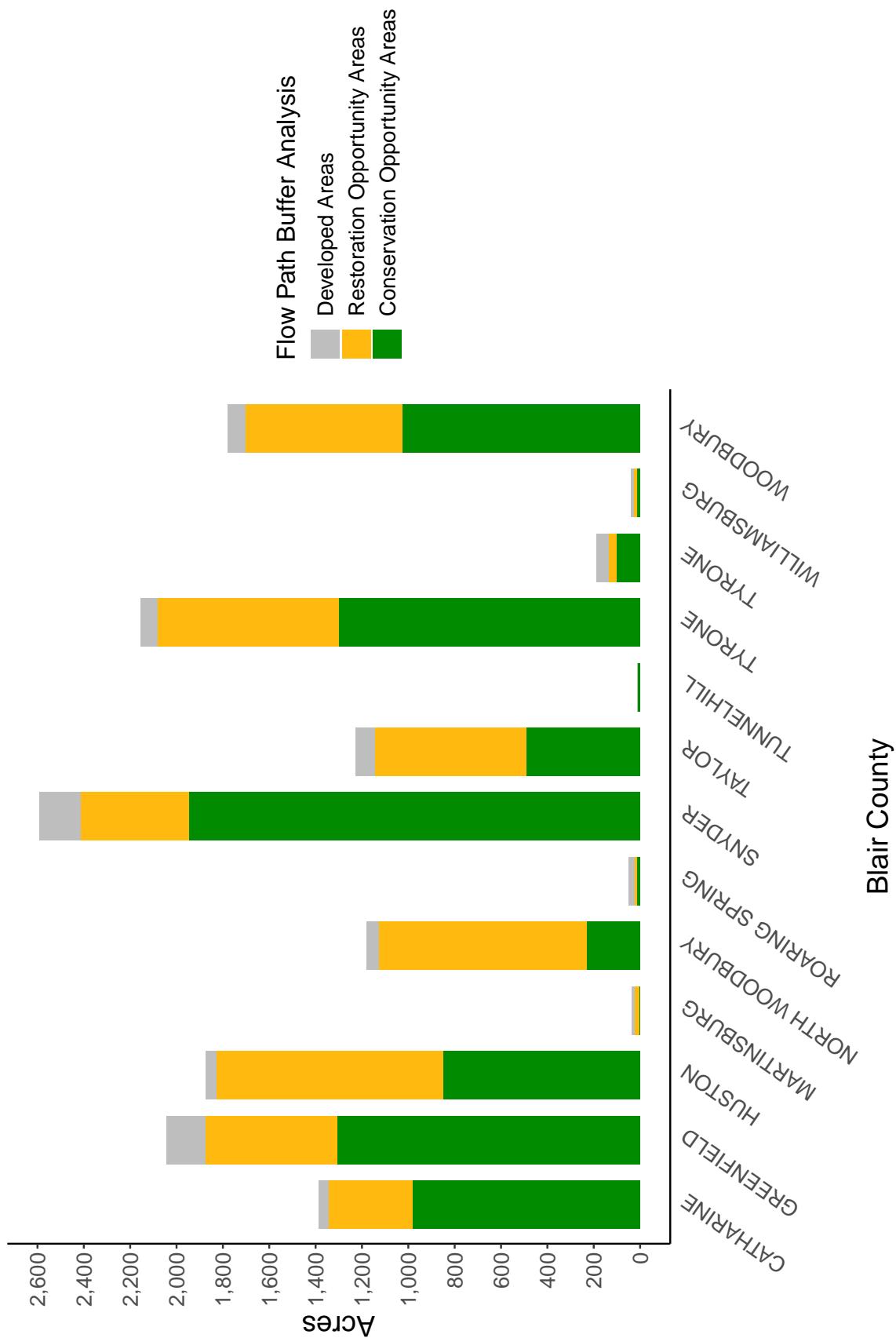


100' Buffer Coverage (%)

- █ 0 - 20%
- █ 20 - 50%
- █ 50 - 60%
- █ 60 - 70%
- █ 70 - 100%

Municipality	MS4	Total 100 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
CATHARINE	0	1,387	981	362	44	70.73
GREENFIELD	0	2,043	1,308	566	169	64.01
HUSTON	0	1,875	849	980	46	45.26
MARTINSBURG	0	36	5	18	13	14.11
NORTH WOODBURY	0	1,178	232	895	51	19.69
ROARING SPRING	0	50	12	13	25	23.70
SNYDER	0	2,591	1,948	465	178	75.20
TAYLOR	0	1,227	492	653	82	40.05
TUNNELHILL	0	11	10	1	0	92.99
TYRONE	0	2,156	1,299	784	73	60.24
TYRONE	0	190	101	35	54	53.17
WILLIAMSBURG	0	40	12	16	12	29.96
WOODBURY	0	1,779	1,026	678	75	57.65
ALLEGHENY	1	1,723	978	484	261	56.75
ALTOONA	1	654	153	159	343	23.37
ANTIS	1	3,324	2,379	735	211	71.57
BELLWOOD	1	9	6	2	1	64.66
BLAIR	1	934	491	370	73	52.56
DUNCANSVILLE	1	70	28	21	21	40.60
FRANKSTOWN	1	2,667	1,783	754	130	66.86
FREEDOM	1	1,082	597	379	106	55.17
HOLIDAYSBURG	1	209	95	63	52	45.19
JUNIATA	1	1,337	1,079	215	42	80.71
LOGAN	1	2,693	1,839	530	324	68.28
NEWRY	1	4	1	2	1	22.60

Non-MS4 Regulated Municipalities



MS4 Regulated Municipalities

