Mifflin County Forest Buffer Summary 35 ft. Width

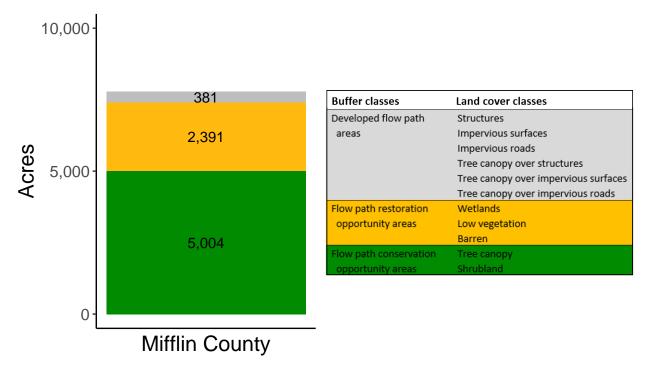
Created by: Chesapeake Conservancy, February 2019

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."

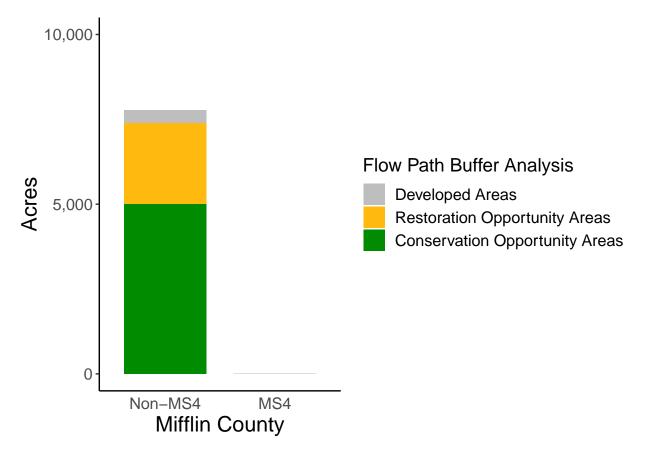
County Summary

Mifflin County contains a total of 2,391 acres of flow path restoration opportunity area, and has 64.35% forest buffer coverage. Mifflin County has complete buffer data coverage.



Municipal Separate Storm Sewer System (MS4) Regulated Municipality Summary

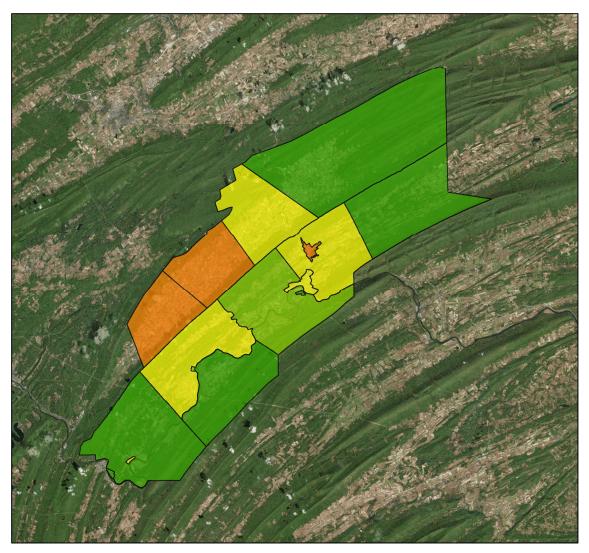
Totals by Municipalities



Mifflin County does not contain any MS4 Municipalities.

Averages for MS4 and Non-MS4 Municipalities

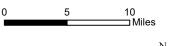
	Non-MS4	MS4
Conservation Opportunity Areas (Acres)	313	0
Restoration Opportunity Areas (Acres)	149	0
Developed Areas (Acres)	24	0
Total Buffer Acres	486	0
Percent Forest Buffer Coverage (%)	62.30	0.00



Mifflin County Municipalities

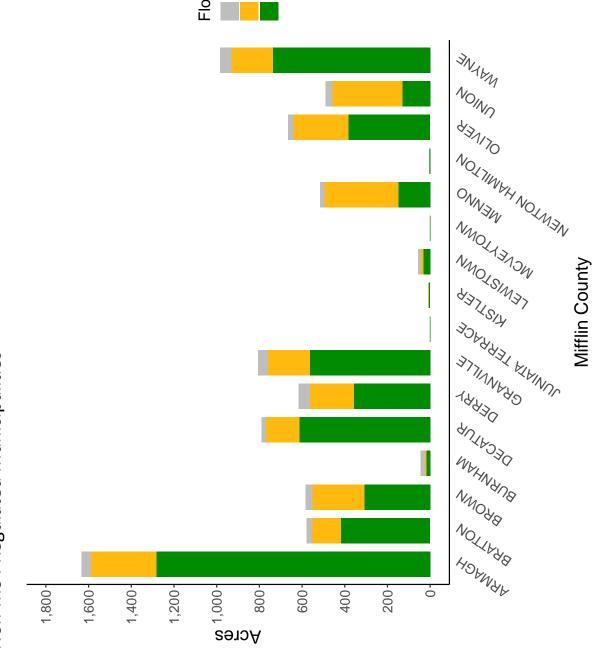
35' Buffer Coverage (%)

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





Municipality	MS4	Total 35 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
ARMAGH	0	1,634	1,282	308	44	78.48
BRATTON	0	579	419	135	25	72.41
BROWN	0	584	308	245	31	52.81
BURNHAM	0	43	19	ъ	20	43.70
DECATUR	0	791	612	158	21	77.31
DERRY	0	616	357	206	53	57.96
GRANVILLE	0	805	563	197	45	69.95
JUNIATA TERRACE	0		1	0	0	96.52
KISTLER	0	8	7	1	0	88.83
LEWISTOWN	0	56	32	10	14	57.80
MCVEYTOWN	0		1	0	0	60.55
MENNO	0	515	148	348	19	28.71
NEWTON HAMILTON	0	ъ	m	1	1	52.54
OLIVER	0	666	384	257	25	57.67
NOINU	0	488	130	327	32	26.56
WAYNE	0	983	738	193	52	75.06
*						



Non-MS4 Regulated Municipalities

Flow Path Buffer Analysis

Developed Areas Restoration Opportunity Areas

Conservation Opportunity Areas