

Dauphin County Forest Buffer Summary

100 ft. Width

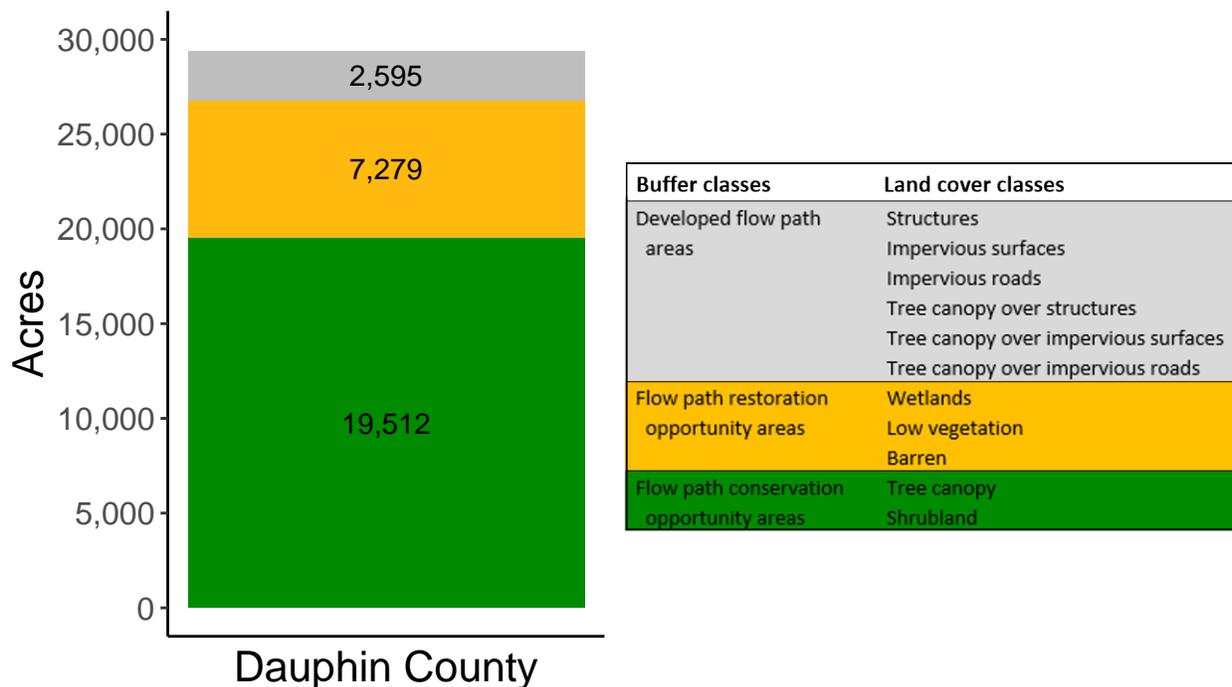
Created by: Chesapeake Conservancy, February 2019

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.”

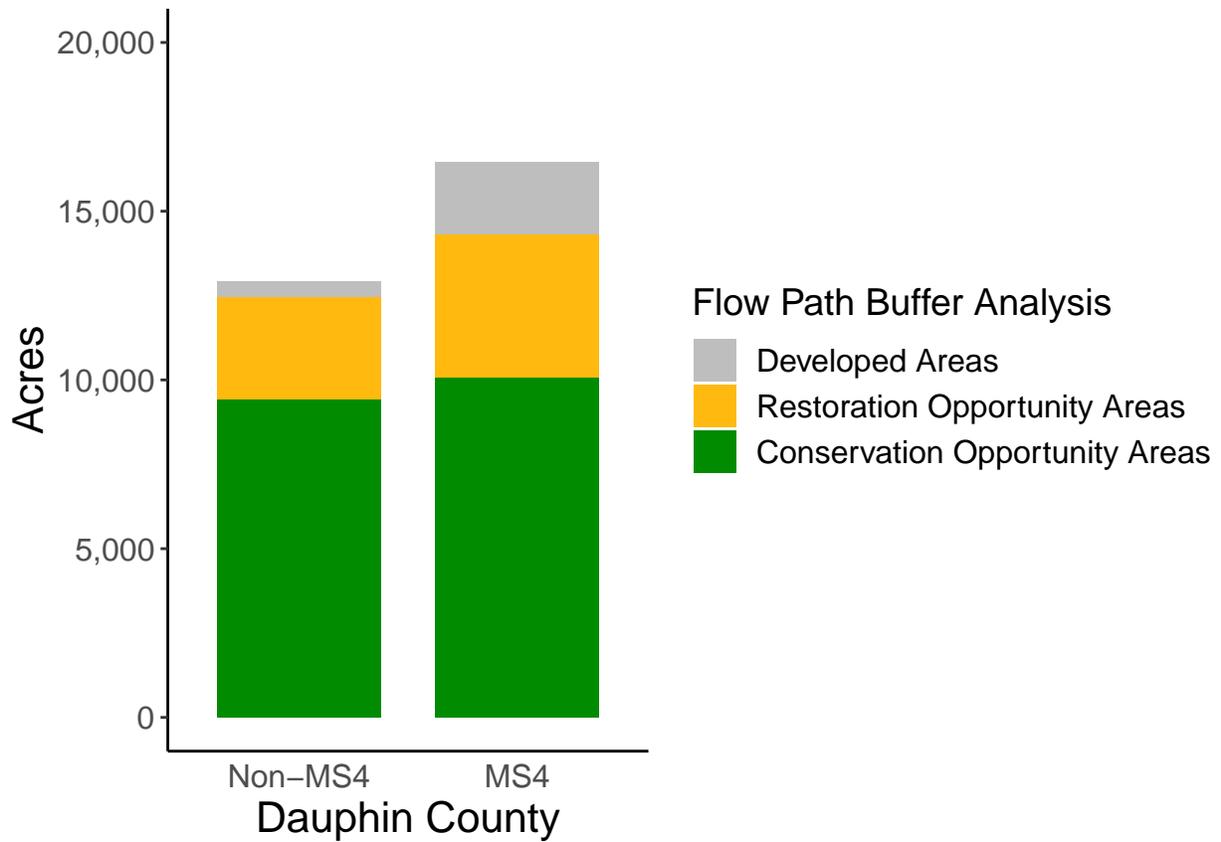
County Summary

Dauphin County contains a total of 7,279 acres of flow path restoration opportunity area, and has 66.4% forest buffer coverage. Dauphin County has complete buffer data coverage.



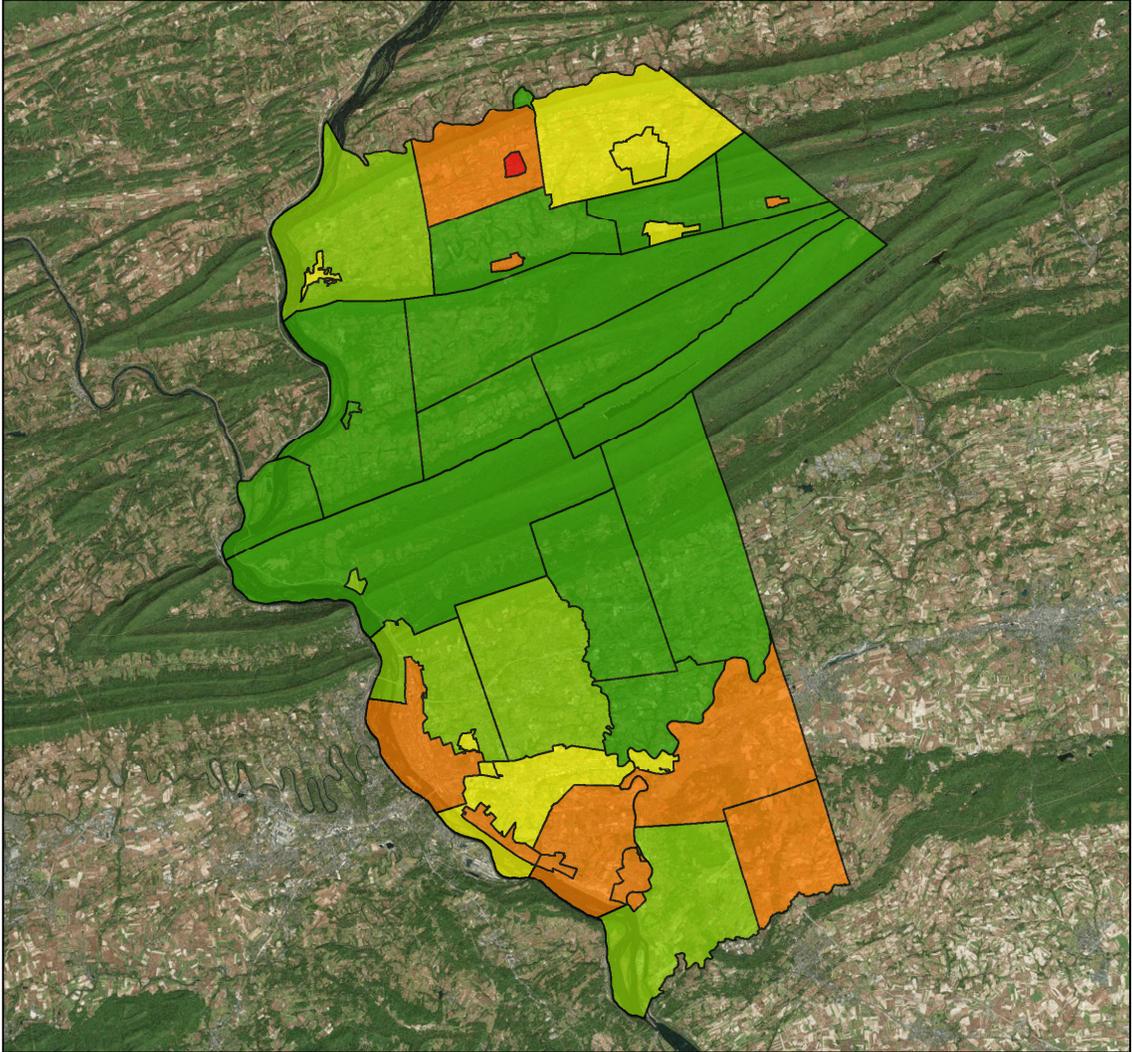
Municipal Separate Storm Sewer System (MS4) Regulated Municipality Summary

Totals by Municipalities



Averages for MS4 and Non-MS4 Municipalities

	Non-MS4	MS4
Conservation Opportunity Areas (Acres)	472	503
Restoration Opportunity Areas (Acres)	151	213
Developed Areas (Acres)	23	106
Total Buffer Acres	647	823
Percent Forest Buffer Coverage (%)	64.80	53.81



Dauphin County Municipalities



100' Buffer Coverage (%)

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

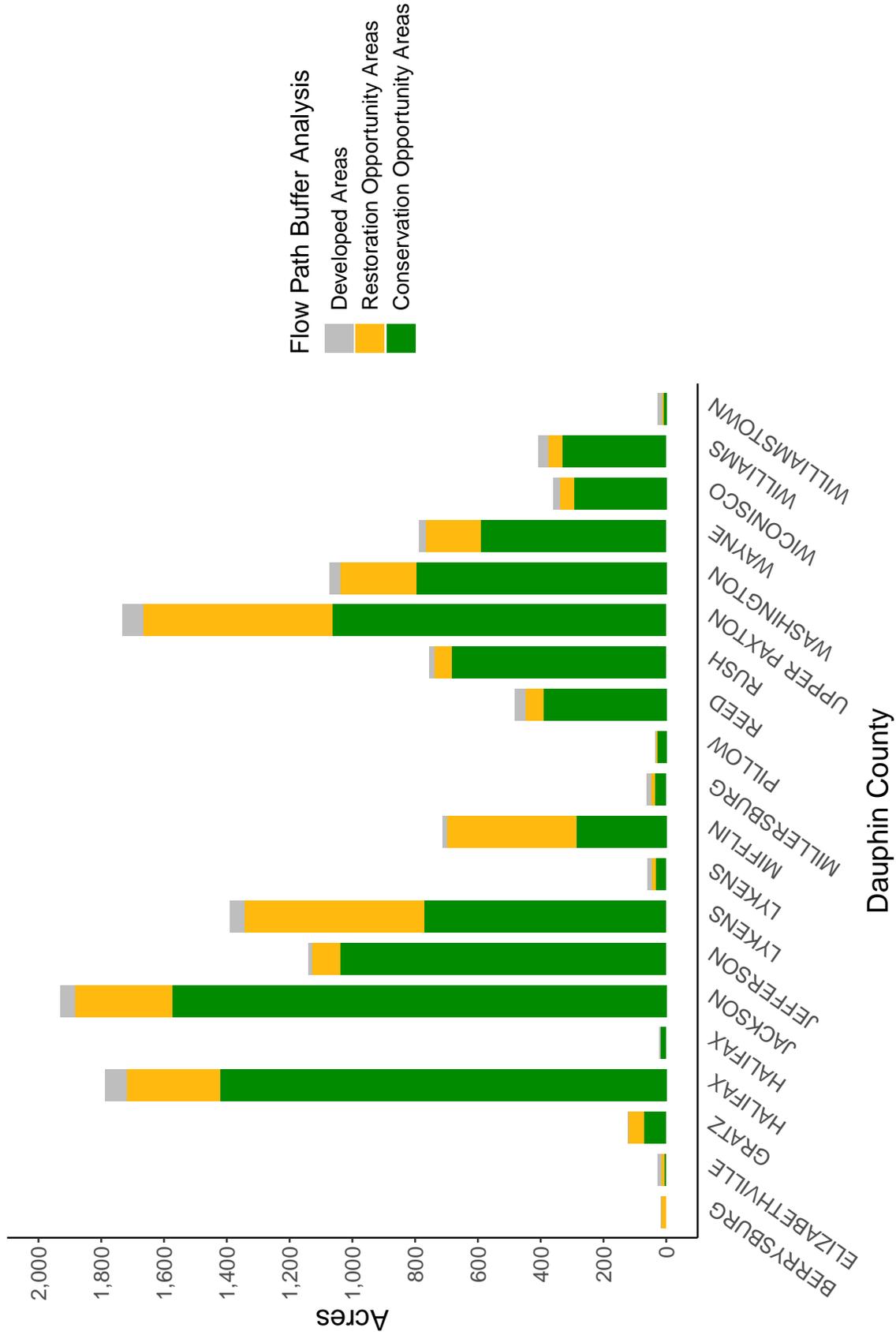


Municipality	MS4	Total 100 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
BERRYSBURG	0	18	1	15	2	7.96
ELIZABETHVILLE	0	26	7	9	10	25.95
GRATZ	0	123	72	49	2	58.38
HALIFAX	0	1,789	1,421	298	70	79.45
HALIFAX	0	22	17	2	3	76.47
JACKSON	0	1,931	1,573	312	46	81.47
JEFFERSON	0	1,139	1,040	88	11	91.29
LYKENS	0	1,391	770	575	46	55.34
LYKENS	0	59	34	11	14	58.34
MIFFLIN	0	713	286	414	13	40.14
MILLERSBURG	0	64	36	14	13	57.12
PILLOW	0	35	28	4	2	81.43
REED	0	481	391	57	33	81.28
RUSH	0	754	685	53	16	90.77
UPPER PAXTON	0	1,733	1,062	605	67	61.27
WASHINGTON	0	1,072	796	243	34	74.24
WAYNE	0	788	590	177	21	74.85
WICONISCO	0	360	293	46	21	81.45
WILLIAMS	0	407	331	44	32	81.28
WILLIAMSTOWN	0	27	10	3	14	37.44
CONEWAGO	1	933	445	442	46	47.67
DAUPHIN	1	35	23	5	6	67.20
DERRY	1	1,763	696	813	253	39.51
EAST HANOVER	1	2,077	1,486	515	75	71.56
HARRISBURG	1	811	325	147	339	40.12
HIGHSPIRE	1	86	33	19	33	38.99
HUMMELSTOWN	1	81	41	20	19	51.25
LONDONDERRY	1	1,631	984	517	130	60.32
LOWER PAXTON	1	1,492	980	322	191	65.66
LOWER SWATARA	1	870	398	304	168	45.72
MIDDLE PAXTON	1	2,464	2,083	264	117	84.54
MIDDLETOWN	1	159	56	27	76	35.39
PAXTANG	1	29	14	3	11	50.35
PENBROOK	1	6	3	2	1	55.43
ROYALTON	1	29	12	11	6	42.84

(continued)

Municipality	MS4	Total 100 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
SOUTH HANOVER	1	796	585	181	30	73.47
STEELTON	1	257	56	32	170	21.60
SUSQUEHANNA	1	905	566	169	171	62.52
SWATARA	1	810	413	185	212	51.03
WEST HANOVER	1	1,221	868	284	70	71.03

Non-MS4 Regulated Municipalities



MS4 Regulated Municipalities

