

Susquehanna County Forest Buffer Summary

100 ft. Width

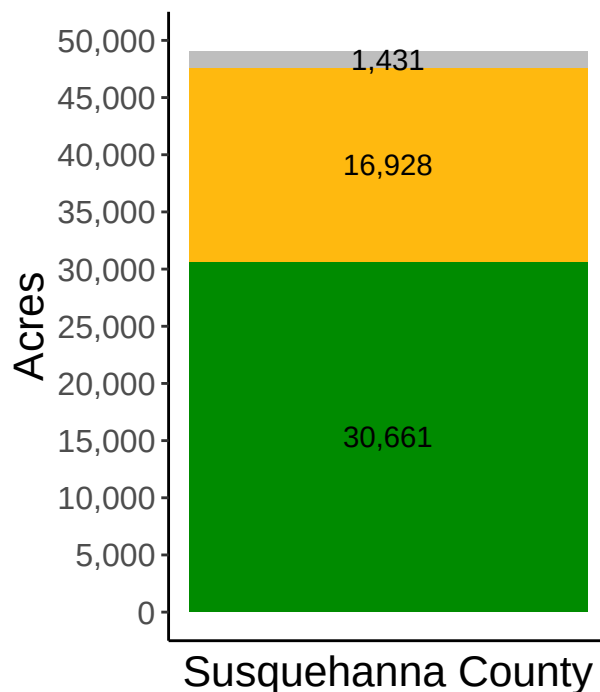
Created by: Chesapeake Conservancy, February 2019

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

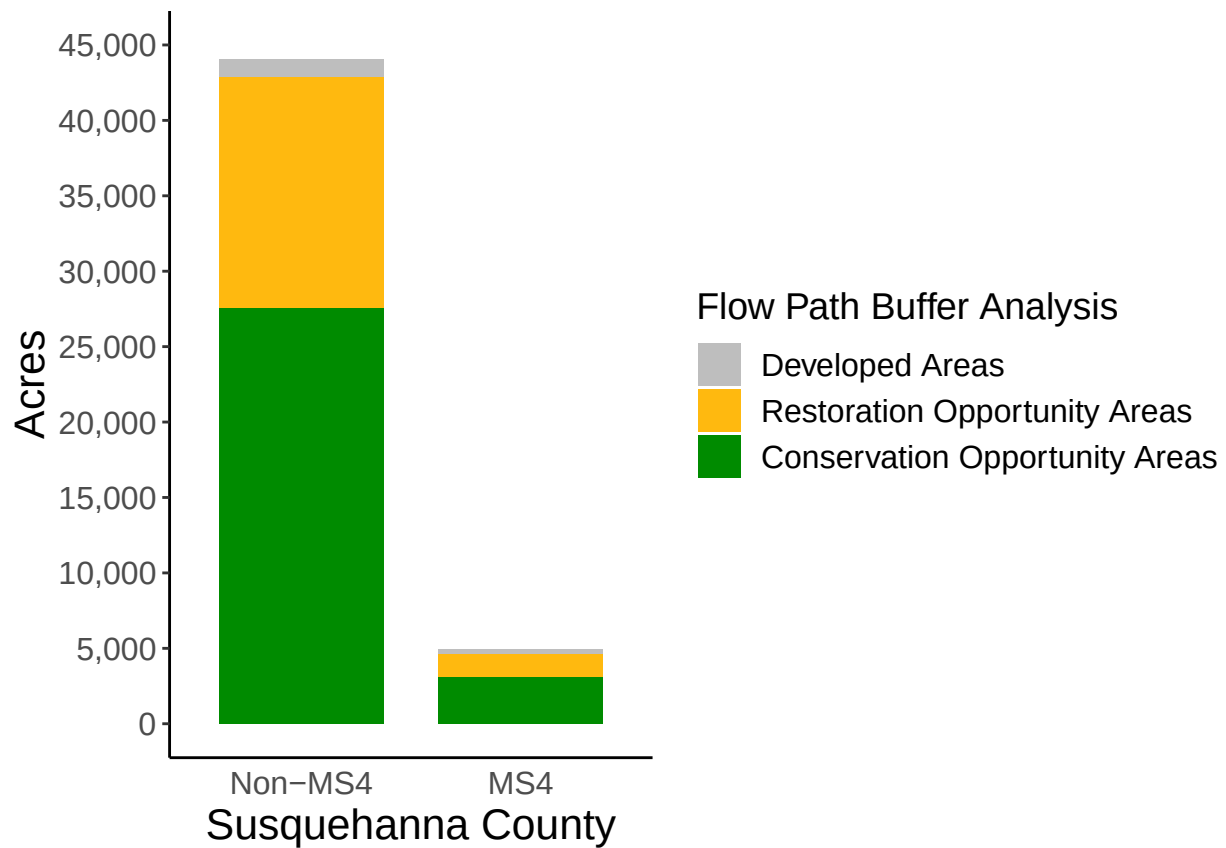
Susquehanna County contains a total of 16,928 acres of flow path restoration opportunity area, and has 62.55% forest buffer coverage. Susquehanna County has complete buffer data coverage.



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

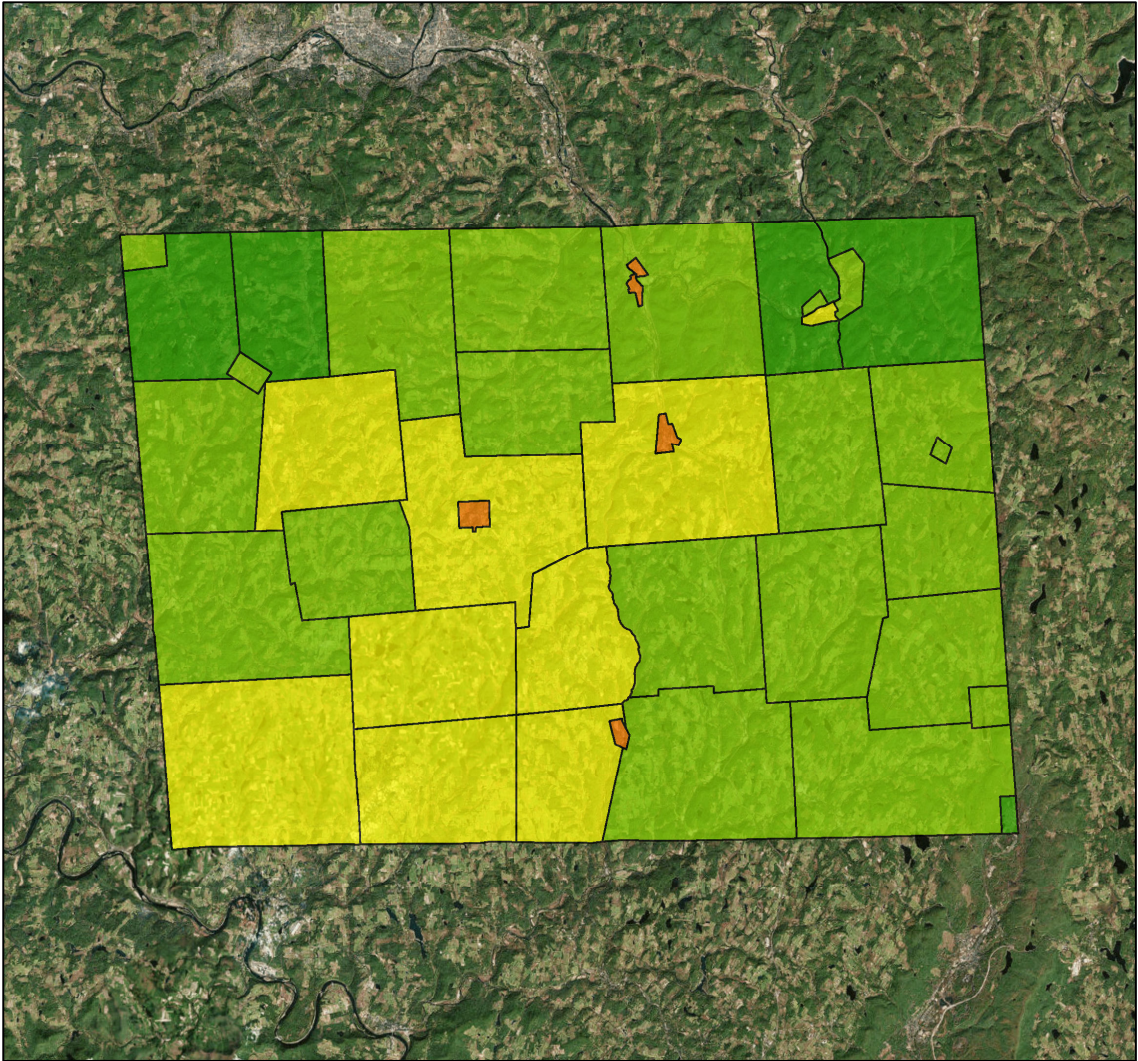
Municipal Separate Storm Sewer System (MS4) Regulated Municipality Summary

Totals by Municipalities

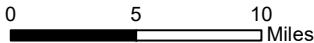


Averages for MS4 and Non-MS4 Municipalities

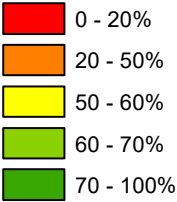
	Non-MS4	MS4
Conservation Opportunity Areas (Acres)	811	516
Restoration Opportunity Areas (Acres)	452	261
Developed Areas (Acres)	34	47
Total Buffer Acres	1296	824
Percent Forest Buffer Coverage (%)	61.89	54.49



Susquehanna County Municipalities



100' Buffer Coverage (%)

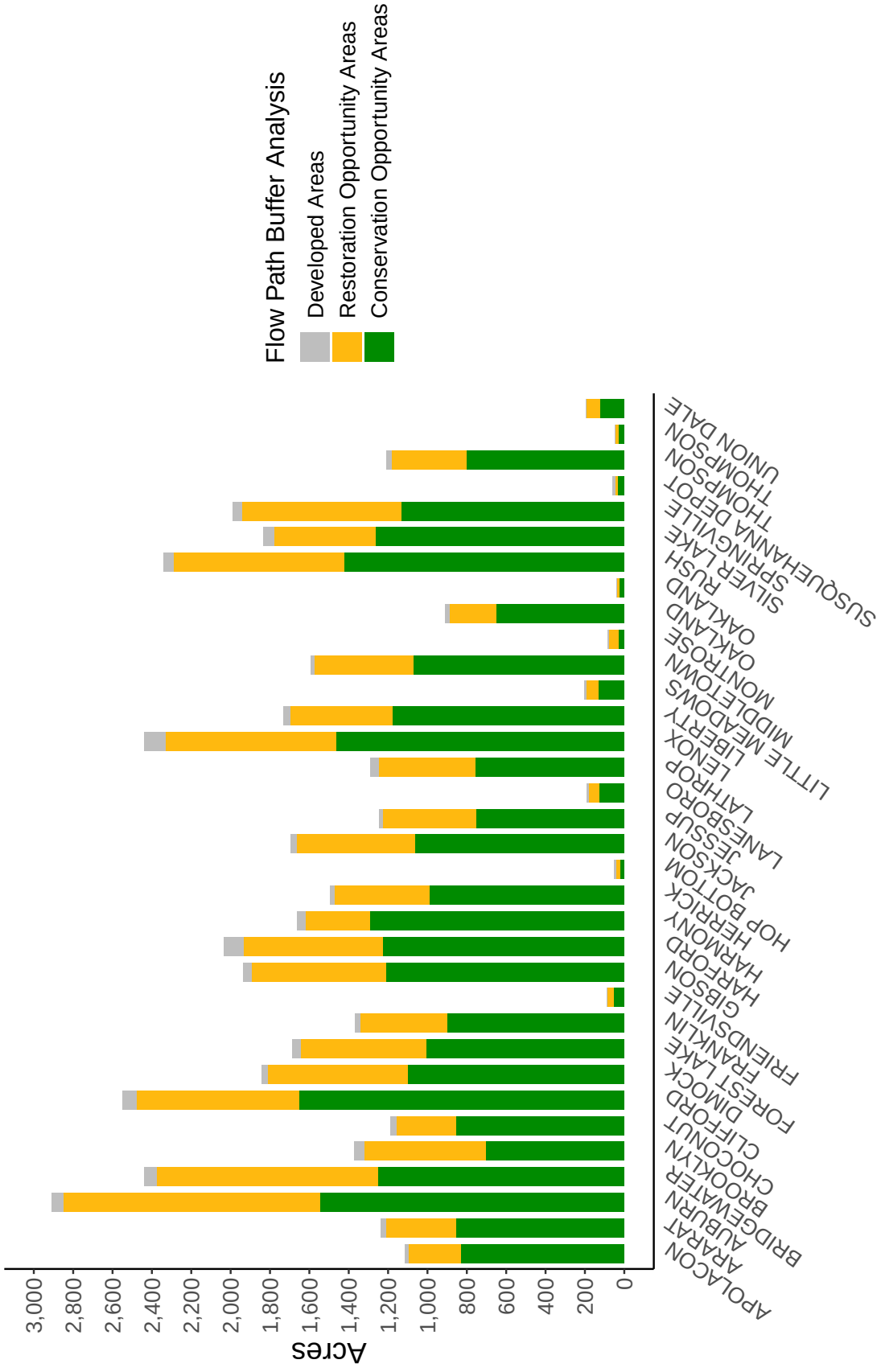


Municipality	MS4	Total 100 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
APOLACON	0	1,115	831	264	20	74.51
ARARAT	0	1,239	854	358	27	68.94
AUBURN	0	2,909	1,544	1,306	60	53.06
BRIDGEWATER	0	2,439	1,250	1,124	65	51.24
BROOKLYN	0	1,371	704	615	52	51.37
CHOCONUT	0	1,189	855	303	31	71.93
CLIFFORD	0	2,549	1,651	827	70	64.80
DIMOCK	0	1,843	1,099	715	29	59.65
FOREST LAKE	0	1,687	1,008	634	44	59.78
FRANKLIN	0	1,369	901	441	27	65.79
FRIENDSVILLE	0	90	55	33	2	61.42
GIBSON	0	1,934	1,211	682	41	62.64
HARFORD	0	2,035	1,228	708	99	60.34
HARMONY	0	1,663	1,291	331	41	77.65
HERRICK	0	1,494	991	481	23	66.30
HOP BOTTOM	0	52	23	18	11	43.41
JACKSON	0	1,695	1,065	598	31	62.86
JESSUP	0	1,244	754	472	18	60.61
LANESBORO	0	192	127	55	10	66.22
LATHROP	0	1,291	758	489	44	58.72
LENOX	0	2,437	1,466	863	109	60.15
LIBERTY	0	1,732	1,179	519	33	68.08
LITTLE MEADOWS	0	202	130	64	9	64.19
MIDDLETOWN	0	1,593	1,073	499	20	67.38
MONTROSE	0	82	30	48	5	35.99
OAKLAND	0	912	651	238	23	71.35
OAKLAND	0	41	26	11	4	63.99
RUSH	0	2,342	1,425	867	50	60.85
SILVER LAKE	0	1,836	1,264	515	57	68.87
SPRINGVILLE	0	1,988	1,135	806	46	57.11
SUSQUEHANNA DEPOT	0	61	33	13	15	53.96
THOMPSON	0	1,206	801	381	25	66.36
THOMPSON	0	49	30	15	4	61.57
UNION DALE	0	194	122	68	4	63.12
FOREST CITY	1	50	37	10	2	74.86

(continued)

Municipality	MS4	Total 100 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
GREAT BEND	1	2,232	1,508	600	123	67.57
GREAT BEND	1	14	6	7	1	39.73
HALLSTEAD	1	54	24	17	13	43.43
NEW MILFORD	1	2,448	1,458	876	115	59.54
NEW MILFORD	1	146	61	57	28	41.80

Non-MS4 Regulated Municipalities



Susquehanna County

MS4 Regulated Municipalities

