

York County Forest Buffer Summary

100 ft. Width

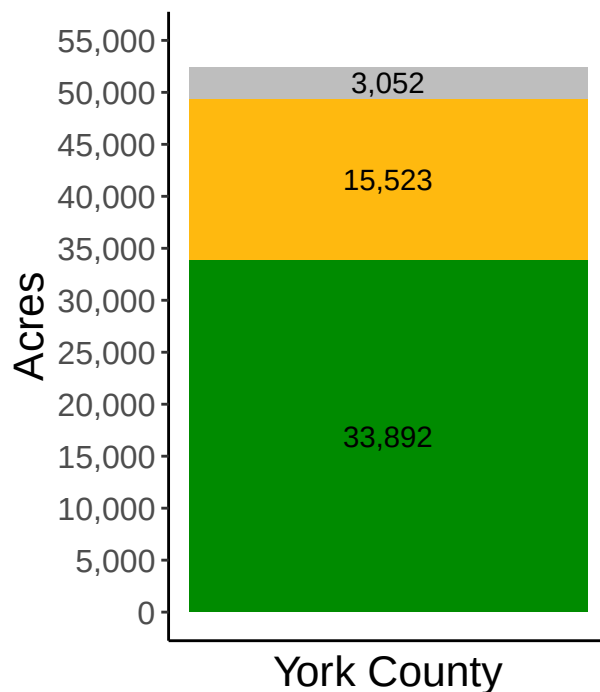
Created by: Chesapeake Conservancy, February 2019

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

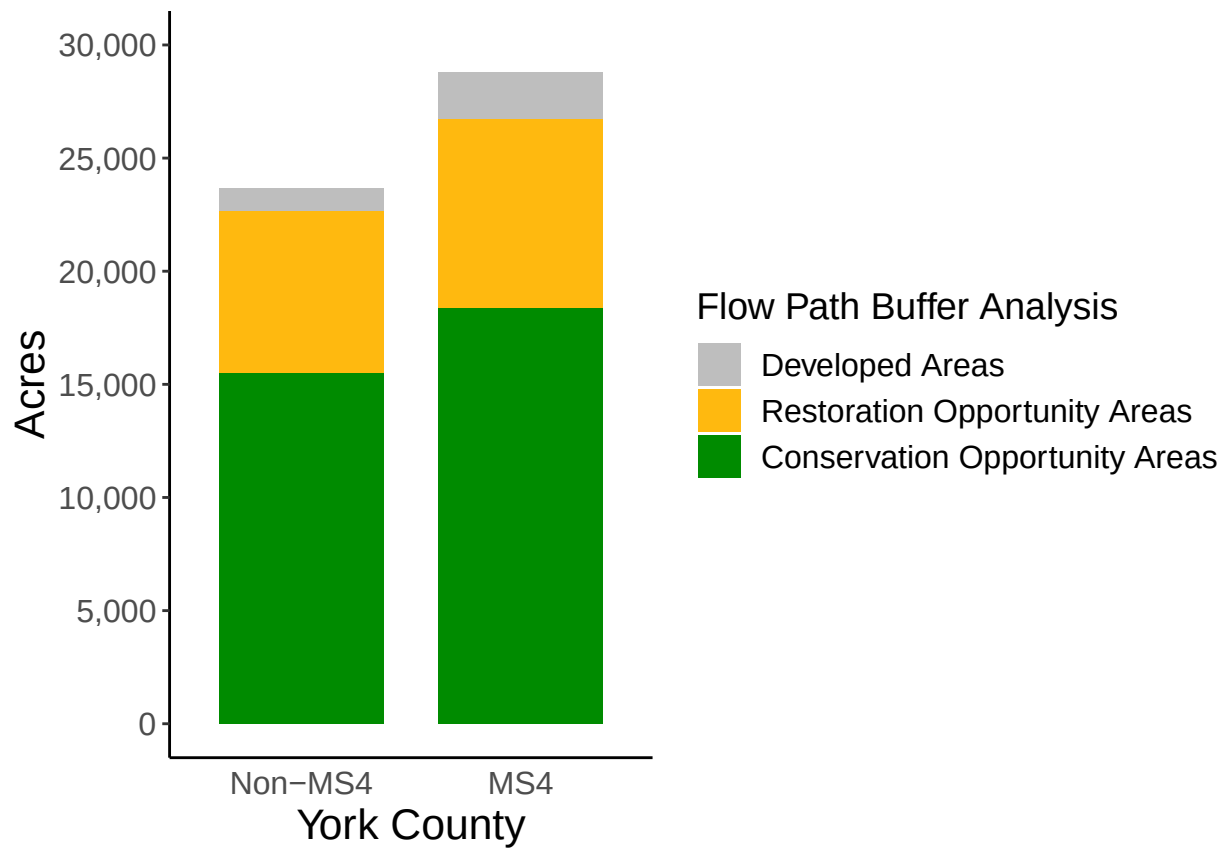
York County contains a total of 15,523 acres of flow path restoration opportunity area, and has 64.6% forest buffer coverage. York County has complete buffer data coverage.



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	Wetlands
	Low vegetation
	Barren
Flow path conservation opportunity areas	Tree canopy
	Shrubland

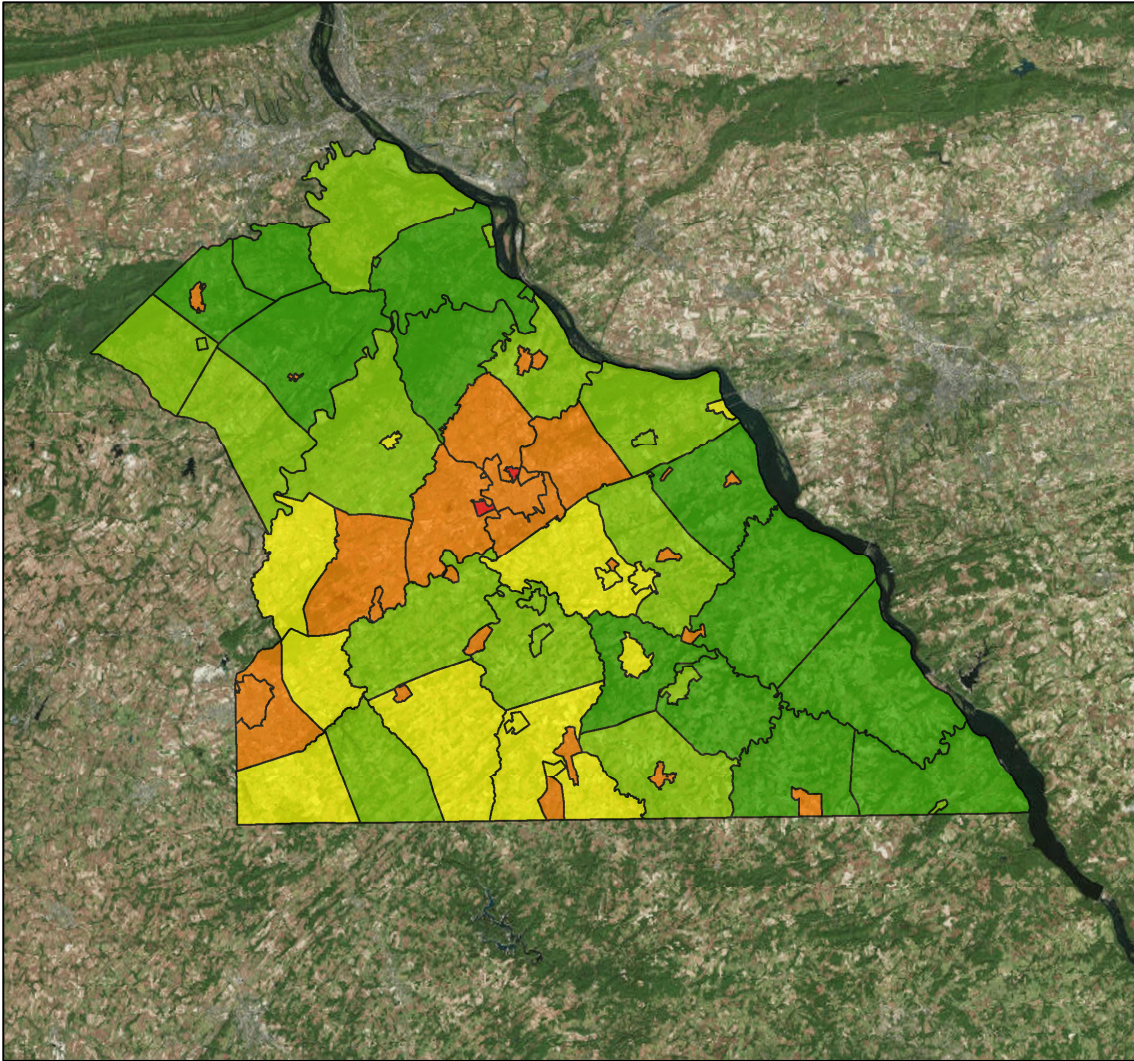
Municipal Separate Storm Sewer System (MS4) Regulated Municipality Summary

Totals by Municipalities



Averages for MS4 and Non-MS4 Municipalities

	Non-MS4	MS4
Conservation Opportunity Areas (Acres)	517	438
Restoration Opportunity Areas (Acres)	239	199
Developed Areas (Acres)	33	49
Total Buffer Acres	789	685
Percent Forest Buffer Coverage (%)	55.37	55.01



York 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 (%)
CHANCEFORD	0	2,839	2,161	603	75	76.12
CODORUS	0	1,764	1,000	673	91	56.68
CROSS ROADS	0	90	59	29	3	64.77
DELTA	0	17	12	4	1	67.06
EAST HOPEWELL	0	1,225	924	278	22	75.46
FAWN	0	1,577	1,126	416	35	71.44
FAWN GROVE	0	59	17	41	1	28.63
FELTON	0	45	20	22	3	43.54
GLEN ROCK	0	49	25	7	17	50.50
HANOVER	0	170	50	44	76	29.27
HEIDELBERG	0	881	488	354	39	55.38
HOPEWELL	0	1,445	895	512	39	61.91
JEFFERSON	0	16	7	8	2	41.68
LOWER CHANCEFORD	0	2,423	1,896	477	51	78.23
MANHEIM	0	1,236	767	400	68	62.10
NEW FREEDOM	0	95	43	34	18	45.12
NORTH HOPEWELL	0	1,171	821	300	49	70.16
PARADISE	0	1,129	650	447	31	57.62
PEACH BOTTOM	0	1,729	1,289	381	59	74.52
PENN	0	808	335	393	79	41.53
RAILROAD	0	56	32	16	8	57.76
SEVEN VALLEYS	0	119	56	55	8	47.48
SHREWSBURY	0	1,565	916	550	99	58.56
SHREWSBURY	0	64	26	26	11	40.92
SPRING GROVE	0	43	20	8	15	47.46
STEWARTSTOWN	0	22	9	10	2	42.91
WASHINGTON	0	1,798	1,150	615	32	63.98
WELLSVILLE	0	11	5	4	3	40.26
WEST MANHEIM	0	1,142	662	437	43	57.98
WINTERSTOWN	0	94	49	41	5	51.97
CARROLL	1	818	605	176	37	74.01
CONEWAGO	1	1,369	1,016	296	57	74.22
DALLASTOWN	1	10	6	3	1	57.35
DILLSBURG	1	31	15	10	5	48.33
DOVER	1	2,297	1,518	715	63	66.10

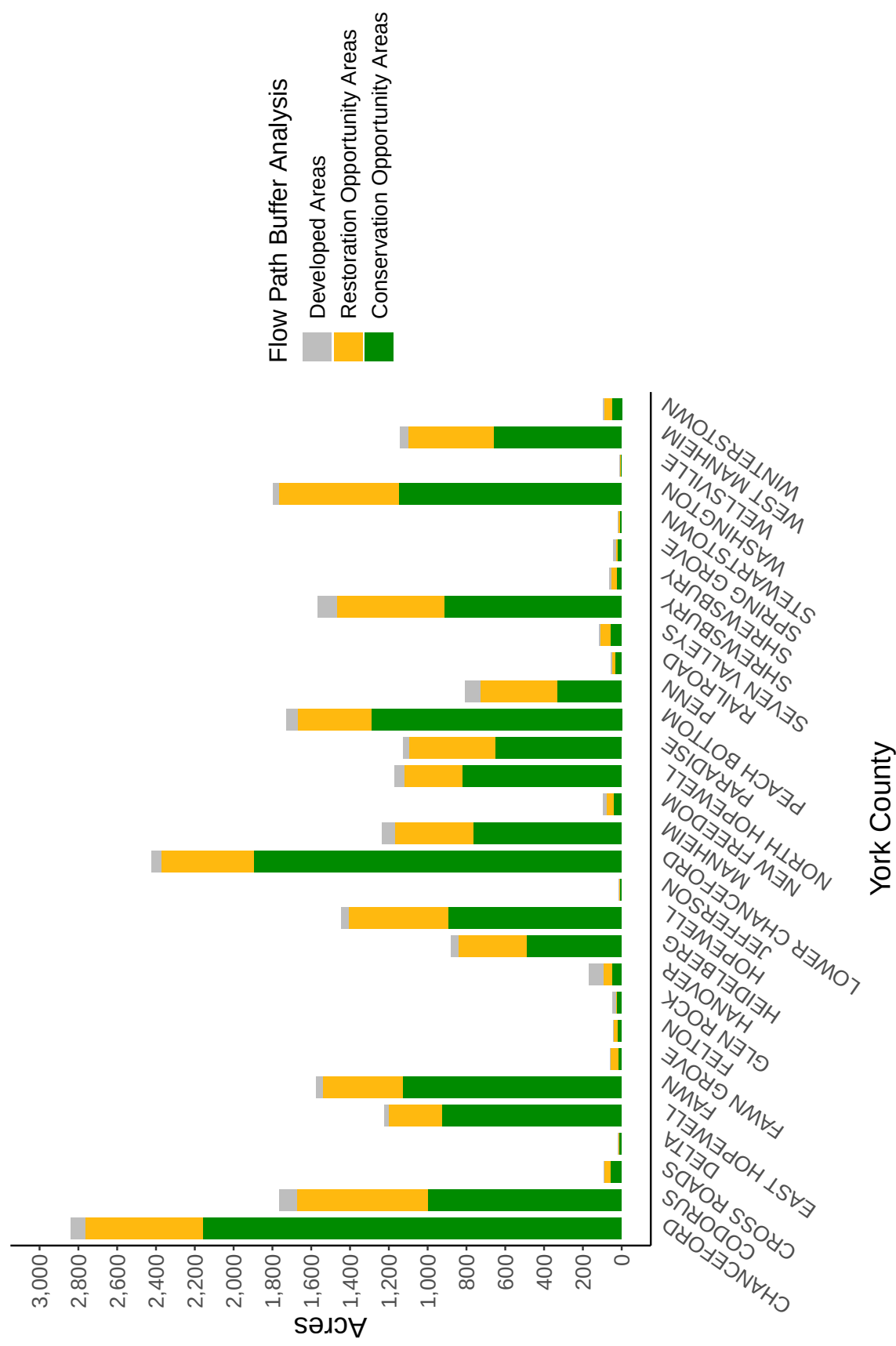
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Municipality	MS4	Total 100 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
DOVER	1	21	12	5	4	57.58
EAST MANCHESTER	1	1,058	700	283	75	66.18
EAST PROSPECT	1	4	1	2	0	40.02
FAIRVIEW	1	2,021	1,378	422	221	68.19
FRANKLIN	1	1,093	750	298	45	68.65
FRANKLINTOWN	1	3	2	1	0	66.29
GOLDSBORO	1	37	24	8	5	64.08
HALLAM	1	54	37	13	4	68.42
HELLAM	1	1,696	1,130	478	89	66.60
JACKSON	1	1,251	587	595	69	46.92
JACOBUS	1	38	26	11	1	68.37
LEWISBERRY	1	7	5	1	1	73.49
LOGANVILLE	1	16	11	4	1	68.90
LOWER WINDSOR	1	1,601	1,151	382	69	71.89
MANCHESTER	1	871	383	380	108	43.98
MANCHESTER	1	25	11	13	2	43.48
MONAGHAN	1	773	612	144	17	79.18
MOUNT WOLF	1	40	13	17	10	31.80
NEW SALEM	1	13	5	7	1	37.03
NEWBERRY	1	1,831	1,440	315	75	78.69
NORTH CODORUS	1	2,034	1,335	637	62	65.63
NORTH YORK	1	15	1	7	6	9.77
RED LION	1	23	12	8	3	52.92
SPRING GARDEN	1	432	205	116	111	47.51
SPRINGETTSBURY	1	1,020	447	327	246	43.82
SPRINGFIELD	1	1,549	1,018	467	64	65.71
WARRINGTON	1	1,931	1,477	409	45	76.50
WEST MANCHESTER	1	1,288	530	612	146	41.16
WEST YORK	1	24	2	6	17	7.88
WINDSOR	1	1,452	899	486	66	61.94
WINDSOR	1	71	27	25	20	37.70
WRIGHTSVILLE	1	47	24	14	9	51.31
YOE	1	24	7	9	9	28.94
YORK	1	1,509	854	535	120	56.58
YORK	1	339	70	95	174	20.63

(continued)

Municipality	MS4	Total 100 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
YORK HAVEN	1	45	32	5	8	71.33
YORKANA	1	6	3	3	0	41.30

Non-MS4 Regulated Municipalities



MS4 Regulated Municipalities

