

York County Forest Buffer Summary

35 ft. Width

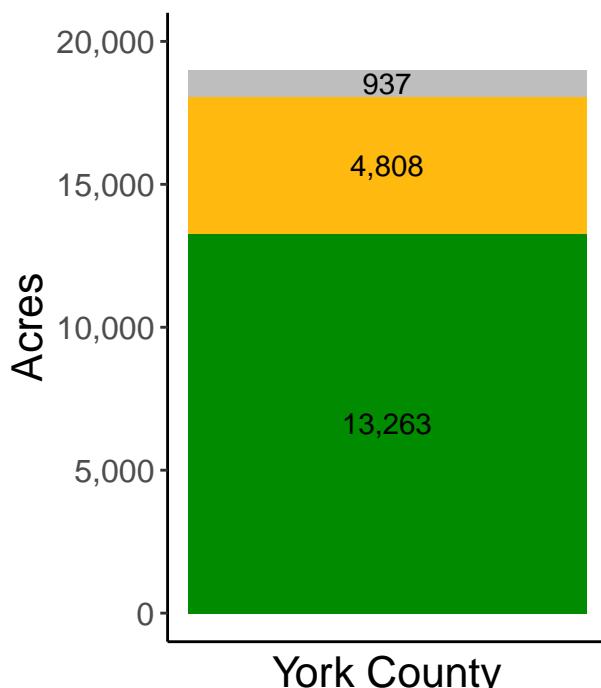
Created by: Chesapeake Conservancy, February 2019

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.”

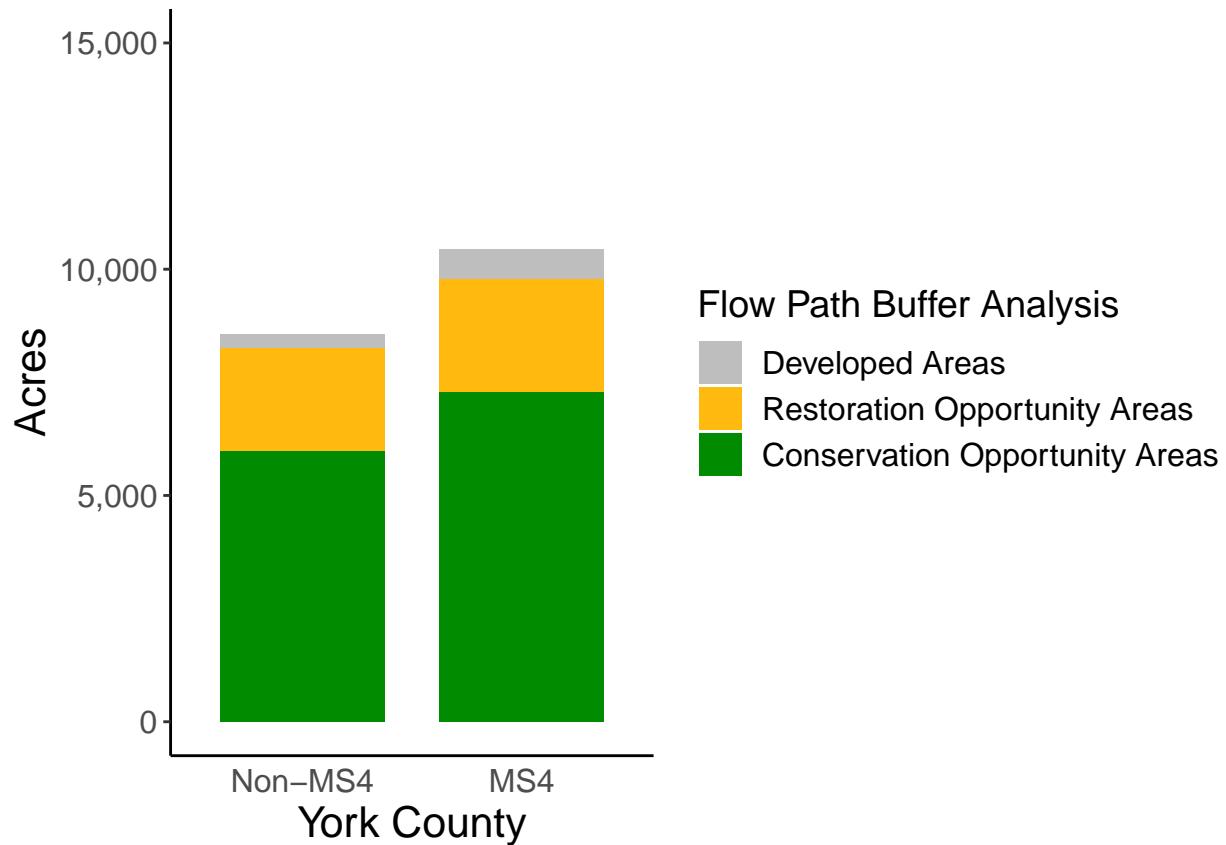
County Summary

York County contains a total of 4,808 acres of flow path restoration opportunity area, and has 69.78% forest buffer coverage. York County has complete buffer data coverage.



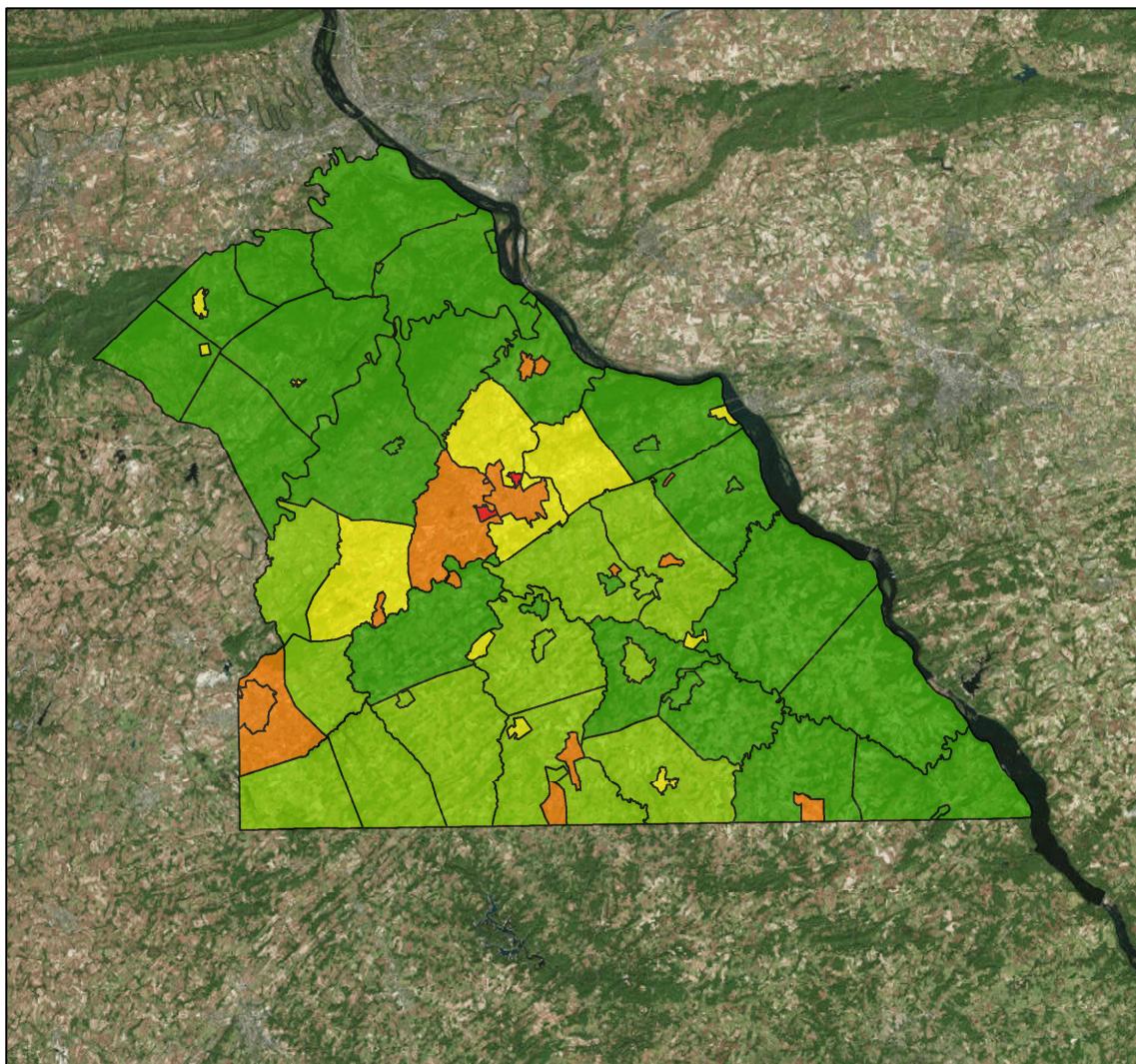
Municipal Separate Storm Sewer System (MS4) Regulated Municipality Summary

Totals by Municipalities



Averages for MS4 and Non-MS4 Municipalities

| | Non-MS4 | MS4 |
|--|---------|-------|
| Conservation Opportunity Areas (Acres) | 200 | 173 |
| Restoration Opportunity Areas (Acres) | 76 | 60 |
| Developed Areas (Acres) | 10 | 15 |
| Total Buffer Acres | 285 | 249 |
| Percent Forest Buffer Coverage (%) | 61.95 | 61.87 |



York County Municipalities

0 5 10 20 Miles



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 (%) |
|------------------|-----|--------------------------|--|---------------------------------------|-------------------------|------------------------------------|
| CHANCEFORD | 0 | 1,027 | 793 | 208 | 26 | 77.23 |
| CODORUS | 0 | 635 | 392 | 222 | 21 | 61.78 |
| CROSS ROADS | 0 | 34 | 24 | 8 | 1 | 72.88 |
| DELTA | 0 | 6 | 4 | 1 | 0 | 75.77 |
| EAST HOPEWELL | 0 | 443 | 348 | 89 | 6 | 78.55 |
| FAWN | 0 | 568 | 431 | 127 | 10 | 75.87 |
| FAWN GROVE | 0 | 20 | 6 | 14 | 0 | 29.55 |
| FELTON | 0 | 17 | 9 | 7 | 1 | 53.22 |
| GLEN ROCK | 0 | 18 | 10 | 2 | 6 | 57.19 |
| HANOVER | 0 | 61 | 20 | 13 | 28 | 33.13 |
| HEIDELBERG | 0 | 321 | 196 | 112 | 12 | 61.28 |
| HOPEWELL | 0 | 521 | 352 | 158 | 11 | 67.52 |
| JEFFERSON | 0 | 6 | 3 | 2 | 0 | 60.40 |
| LOWER CHANCEFORD | 0 | 877 | 693 | 168 | 16 | 79.03 |
| MANHEIM | 0 | 452 | 291 | 142 | 19 | 64.42 |
| NEW FREEDOM | 0 | 35 | 17 | 12 | 6 | 48.73 |
| NORTH HOPEWELL | 0 | 422 | 317 | 93 | 12 | 75.05 |
| PARADISE | 0 | 402 | 275 | 120 | 7 | 68.23 |
| PEACH BOTTOM | 0 | 628 | 479 | 130 | 19 | 76.32 |
| PENN | 0 | 290 | 142 | 127 | 21 | 49.04 |
| RAILROAD | 0 | 21 | 13 | 5 | 2 | 64.58 |
| SEVEN VALLEYS | 0 | 44 | 26 | 15 | 2 | 59.79 |
| SHREWSBURY | 0 | 573 | 359 | 184 | 30 | 62.63 |
| SHREWSBURY | 0 | 22 | 11 | 8 | 3 | 49.58 |
| SPRING GROVE | 0 | 15 | 7 | 3 | 5 | 49.25 |
| STEWARTSTOWN | 0 | 7 | 4 | 3 | 1 | 53.90 |
| WASHINGTON | 0 | 646 | 481 | 156 | 9 | 74.47 |
| WELLSVILLE | 0 | 4 | 2 | 1 | 1 | 56.61 |
| WEST MANHEIM | 0 | 417 | 258 | 147 | 12 | 61.87 |
| WINTERSTOWN | 0 | 33 | 20 | 11 | 2 | 60.66 |
| CARROLL | 1 | 299 | 235 | 53 | 10 | 78.64 |
| CONEWAGO | 1 | 492 | 399 | 77 | 15 | 81.21 |
| DALLASTOWN | 1 | 3 | 2 | 1 | 0 | 72.55 |
| DILLSBURG | 1 | 11 | 6 | 3 | 1 | 57.44 |
| DOVER | 1 | 824 | 629 | 180 | 16 | 76.26 |

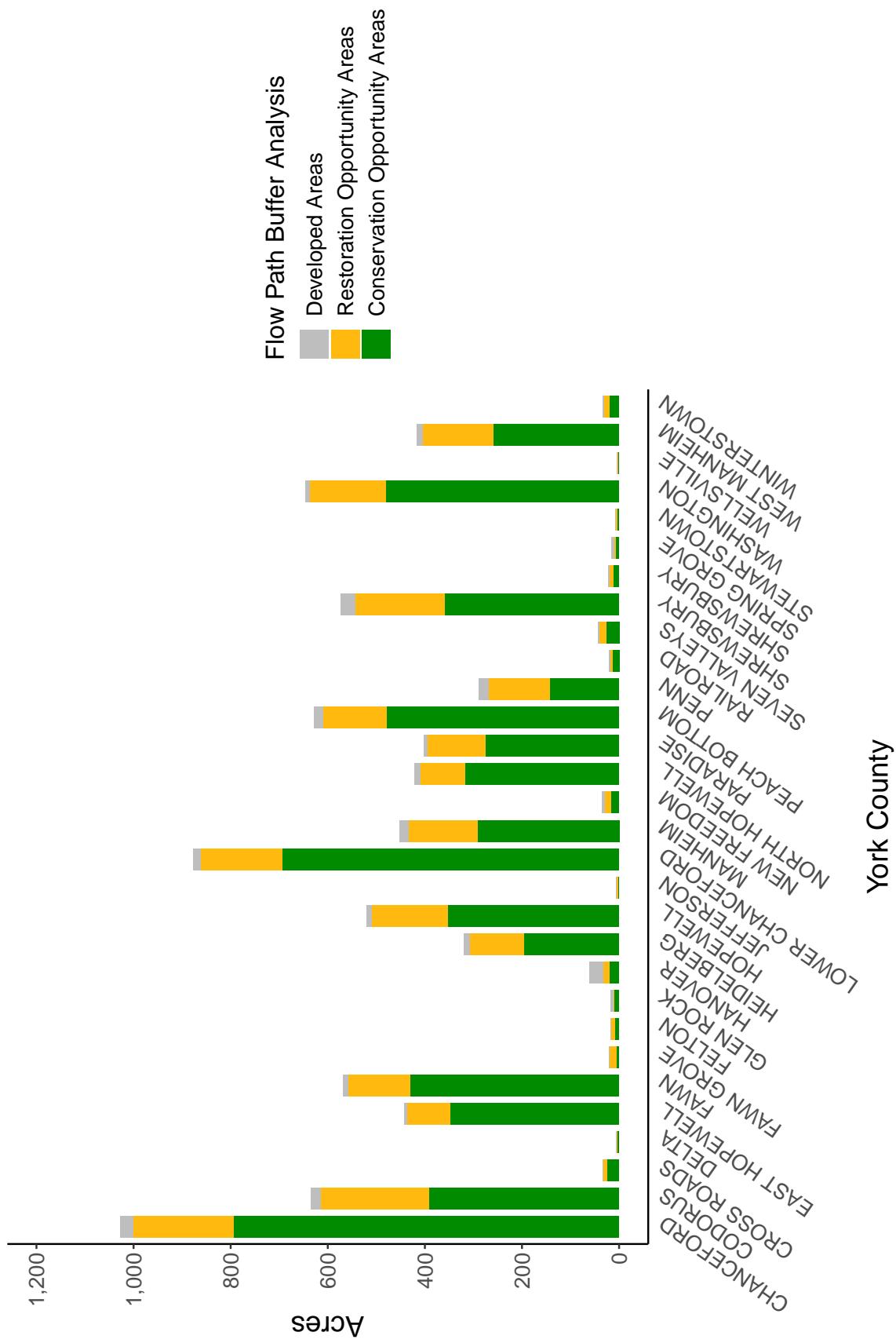
(continued)

| Municipality | MS4 | Total 35 ft buffer acres | Conservation opportunity areas (acres) | Restoration opportunity areas (acres) | Developed areas (acres) | Percent forest buffer coverage (%) |
|-----------------|-----|--------------------------|--|---------------------------------------|-------------------------|------------------------------------|
| DOVER | 1 | 7 | 6 | 1 | 1 | 77.68 |
| EAST MANCHESTER | 1 | 384 | 273 | 89 | 23 | 71.04 |
| EAST PROSPECT | 1 | 1 | 1 | 0 | 0 | 76.53 |
| FAIRVIEW | 1 | 736 | 535 | 131 | 70 | 72.65 |
| FRANKLIN | 1 | 393 | 296 | 84 | 14 | 75.23 |
| FRANKLINTOWN | 1 | 1 | 1 | 0 | 0 | 58.13 |
| GOLDSBORO | 1 | 14 | 10 | 2 | 1 | 75.09 |
| HALLAM | 1 | 19 | 15 | 3 | 1 | 79.82 |
| HELLAM | 1 | 622 | 444 | 147 | 31 | 71.32 |
| JACKSON | 1 | 453 | 245 | 186 | 23 | 54.03 |
| JACOBUS | 1 | 13 | 10 | 3 | 0 | 75.16 |
| LEWISBERRY | 1 | 3 | 2 | 0 | 0 | 93.05 |
| LOGANVILLE | 1 | 6 | 4 | 1 | 1 | 67.99 |
| LOWER WINDSOR | 1 | 580 | 445 | 115 | 20 | 76.68 |
| MANCHESTER | 1 | 314 | 164 | 115 | 35 | 52.01 |
| MANCHESTER | 1 | 10 | 5 | 4 | 1 | 49.14 |
| MONAGHAN | 1 | 279 | 232 | 41 | 5 | 83.42 |
| MOUNT WOLF | 1 | 15 | 5 | 6 | 3 | 33.94 |
| NEW SALEM | 1 | 5 | 2 | 2 | 0 | 43.55 |
| NEWBERRY | 1 | 664 | 559 | 85 | 19 | 84.23 |
| NORTH CODORUS | 1 | 743 | 535 | 189 | 19 | 72.04 |
| NORTH YORK | 1 | 5 | 0 | 3 | 2 | 8.96 |
| RED LION | 1 | 8 | 5 | 2 | 1 | 61.30 |
| SPRING GARDEN | 1 | 157 | 85 | 36 | 36 | 54.15 |
| SPRINGETTSBURY | 1 | 369 | 185 | 105 | 79 | 50.08 |
| SPRINGFIELD | 1 | 563 | 392 | 152 | 19 | 69.66 |
| WARRINGTON | 1 | 700 | 568 | 119 | 13 | 81.17 |
| WEST MANCHESTER | 1 | 477 | 215 | 215 | 47 | 45.03 |
| WEST YORK | 1 | 8 | 1 | 2 | 6 | 6.33 |
| WINDSOR | 1 | 522 | 358 | 145 | 19 | 68.51 |
| WINDSOR | 1 | 27 | 11 | 9 | 7 | 39.82 |
| WRIGHTSVILLE | 1 | 19 | 12 | 5 | 2 | 59.36 |
| YOE | 1 | 9 | 3 | 3 | 3 | 35.60 |
| YORK | 1 | 545 | 342 | 167 | 36 | 62.75 |
| YORK | 1 | 124 | 28 | 32 | 64 | 22.34 |

(continued)

| Municipality | MS4 | Total 35 ft buffer acres | Conservation opportunity areas (acres) | Restoration opportunity areas (acres) | Developed areas (acres) | Percent forest buffer coverage (%) |
|--------------|-----|--------------------------|--|---------------------------------------|-------------------------|------------------------------------|
| YORK HAVEN | 1 | 17 | 13 | 2 | 2 | 75.80 |
| YORKANA | 1 | 2 | 1 | 1 | 0 | 48.67 |

Non-MS4 Regulated Municipalities



MS4 Regulated Municipalities

