

# Centre County Forest Buffer Summary

## 35 ft. Width

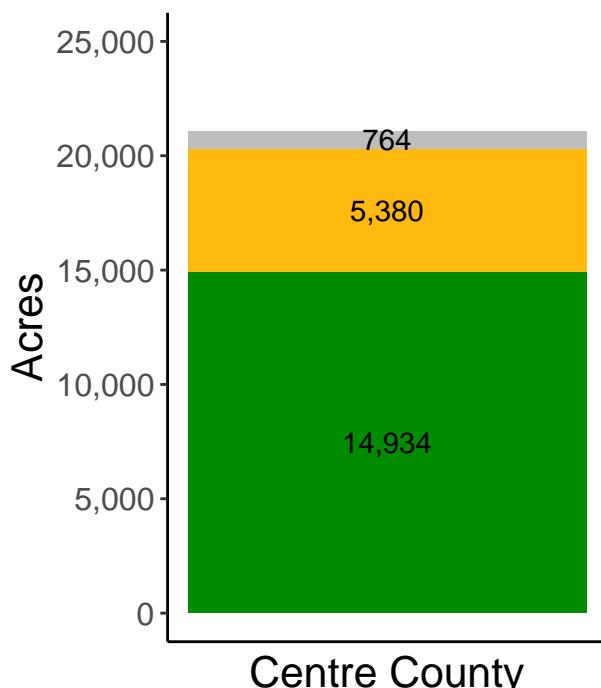
*Created by: Chesapeake Conservancy, February 2019*

### 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](http://www.ChesapeakeConservancy.org) and search for “data downloader.”

### County Summary

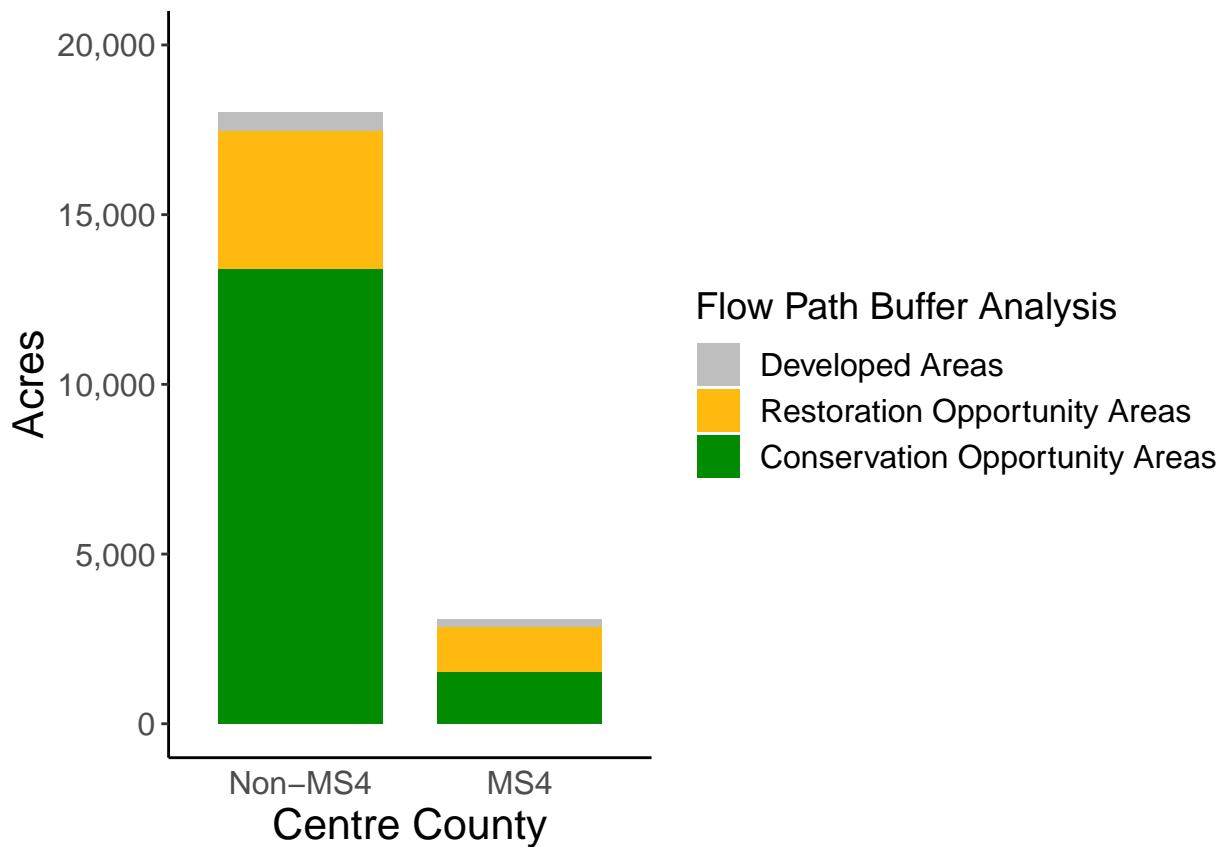
Centre County contains a total of 5,380 acres of flow path restoration opportunity area, and has 70.85% forest buffer coverage. Centre County has complete buffer data coverage.



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

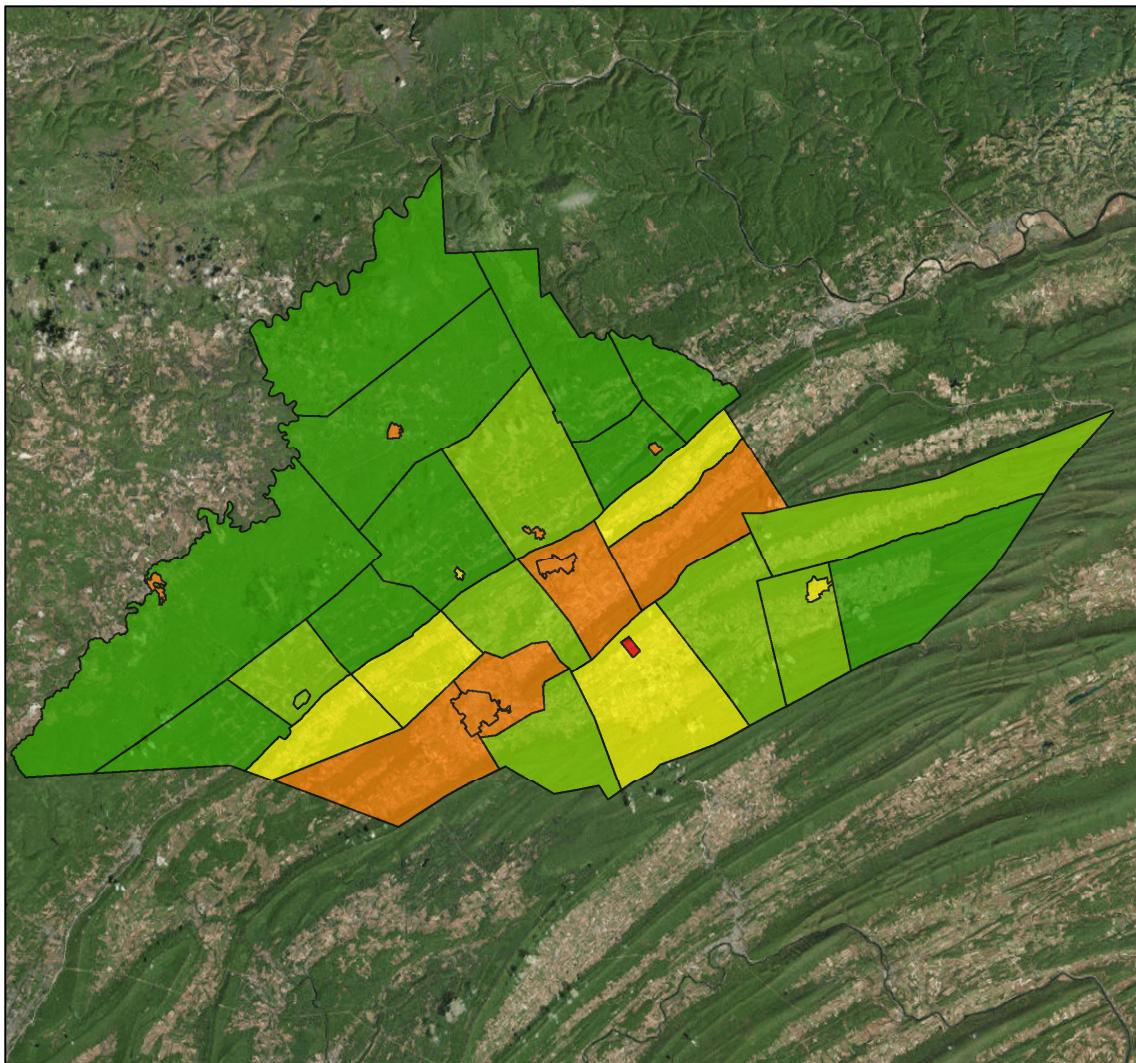
## Municipal Separate Storm Sewer System (MS4) Regulated Municipality Summary

### Totals by Municipalities



### Averages for MS4 and Non-MS4 Municipalities

	Non-MS4	MS4
Conservation Opportunity Areas (Acres)	462	254
Restoration Opportunity Areas (Acres)	140	221
Developed Areas (Acres)	19	35
Total Buffer Acres	621	511
Percent Forest Buffer Coverage (%)	62.13	47.97



## Centre County Municipalities

0 5 10 20 Miles

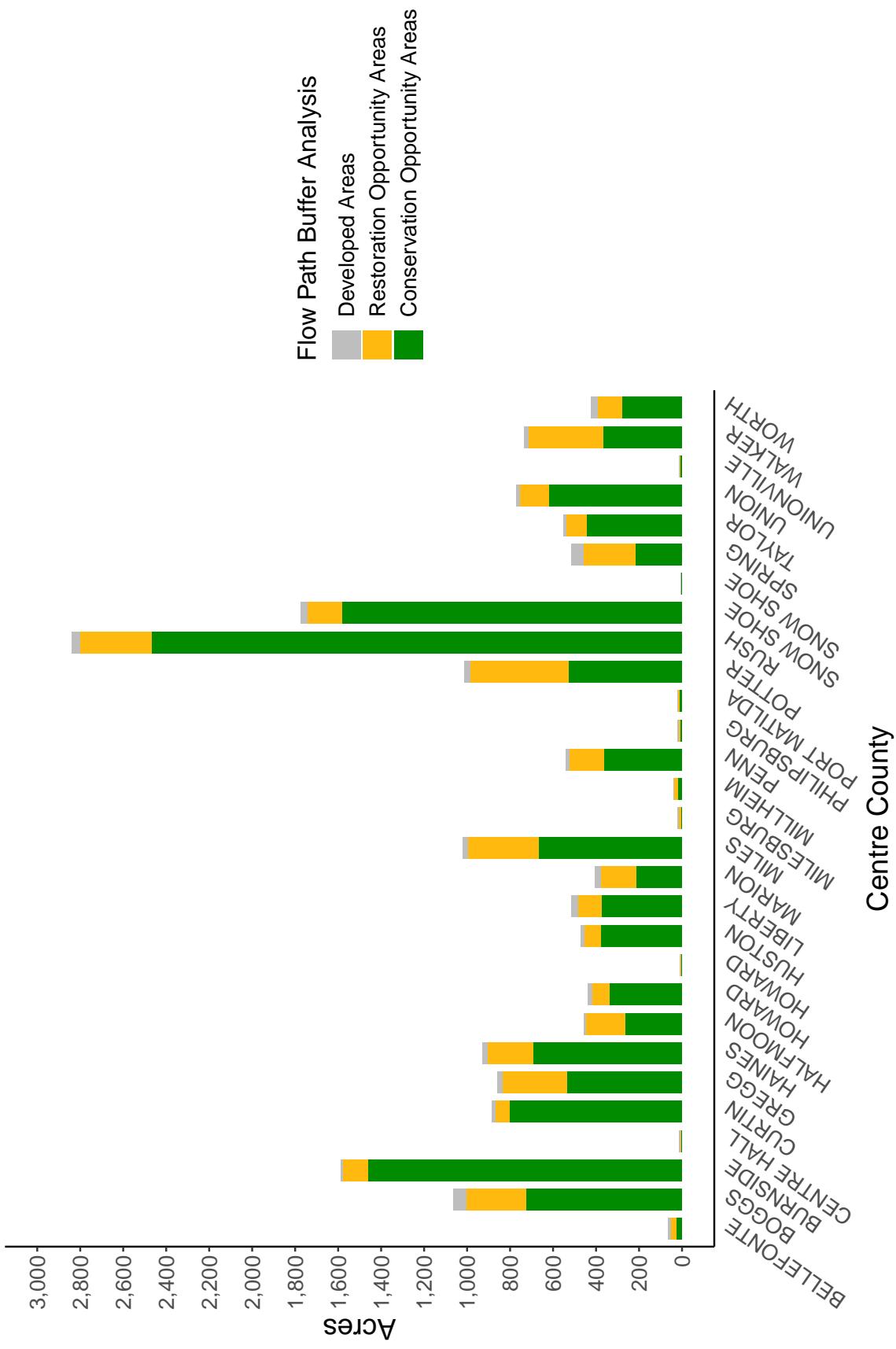


### 35' Buffer Coverage (%)

- █ 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 (%)
BELLEFONTE	0	64	28	22	14	43.27
BOGGS	0	1,065	727	276	62	68.31
BURNSIDE	0	1,586	1,463	115	8	92.24
CENTRE HALL	0	14	3	7	4	19.02
CURTIN	0	884	801	68	15	90.59
GREGG	0	860	537	297	25	62.47
HAINES	0	930	692	213	25	74.40
HALFMOON	0	457	265	183	9	58.06
HOWARD	0	440	336	83	21	76.41
HOWARD	0	9	4	3	1	46.66
HUSTON	0	473	376	80	17	79.46
LIBERTY	0	517	375	110	32	72.60
MARION	0	406	212	166	28	52.23
MILES	0	1,020	666	332	22	65.31
MILESBURG	0	19	7	8	4	37.05
MILLHEIM	0	39	20	17	3	50.50
PENN	0	540	364	158	18	67.41
PHILIPSBURG	0	23	7	10	6	31.05
PORT MATILDA	0	20	14	5	1	69.99
POTTER	0	1,014	528	459	26	52.10
RUSH	0	2,840	2,467	334	40	86.86
SNOW SHOE	0	1,775	1,581	163	31	89.10
SNOW SHOE	0	6	3	2	1	43.54
SPRING	0	514	217	240	57	42.19
TAYLOR	0	551	445	94	13	80.70
UNION	0	775	618	138	18	79.78
UNIONVILLE	0	13	7	5	0	54.98
WALKER	0	736	368	349	19	49.97
WORTH	0	425	279	115	31	65.62
BENNER	1	578	348	200	29	60.31
COLLEGE	1	370	153	169	47	41.51
FERGUSON	1	978	360	575	42	36.80
HARRIS	1	553	359	176	17	64.97
PATTON	1	496	278	177	41	55.99
STATE COLLEGE	1	91	26	31	35	28.23

## Non-MS4 Regulated Municipalities



## MS4 Regulated Municipalities

