

# Lancaster County Forest Buffer Summary

## 100 ft. Width

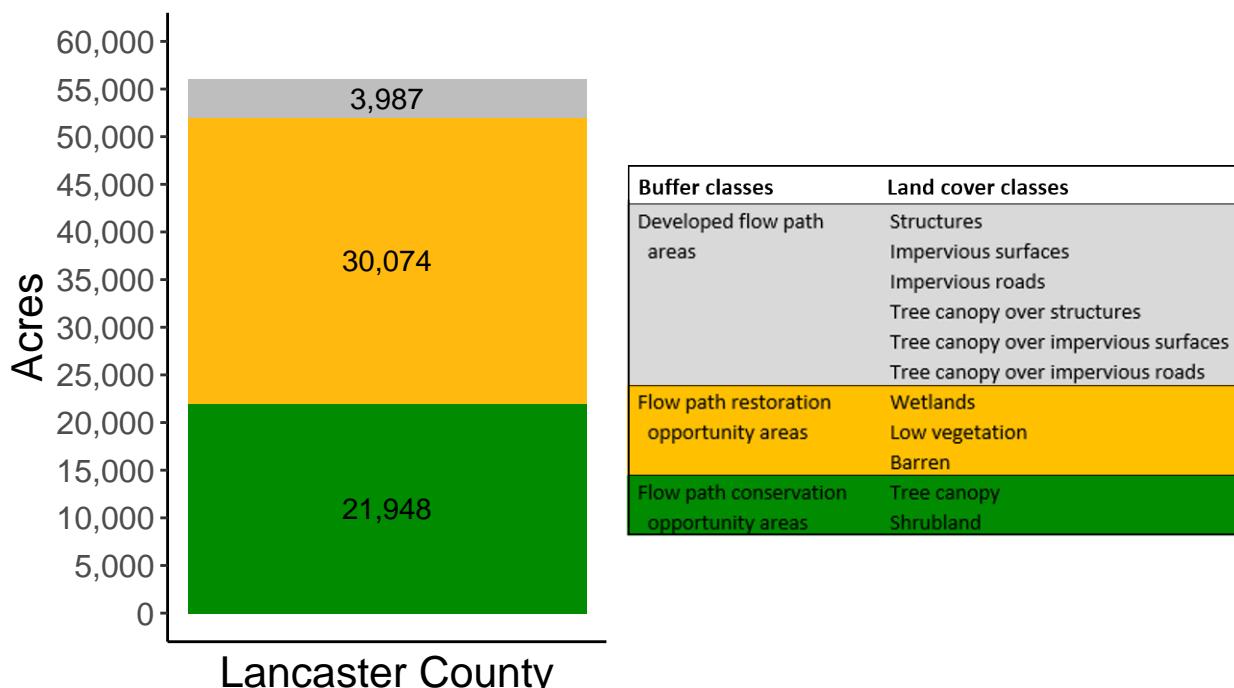
*Created by: Chesapeake Conservancy, February 2019*

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

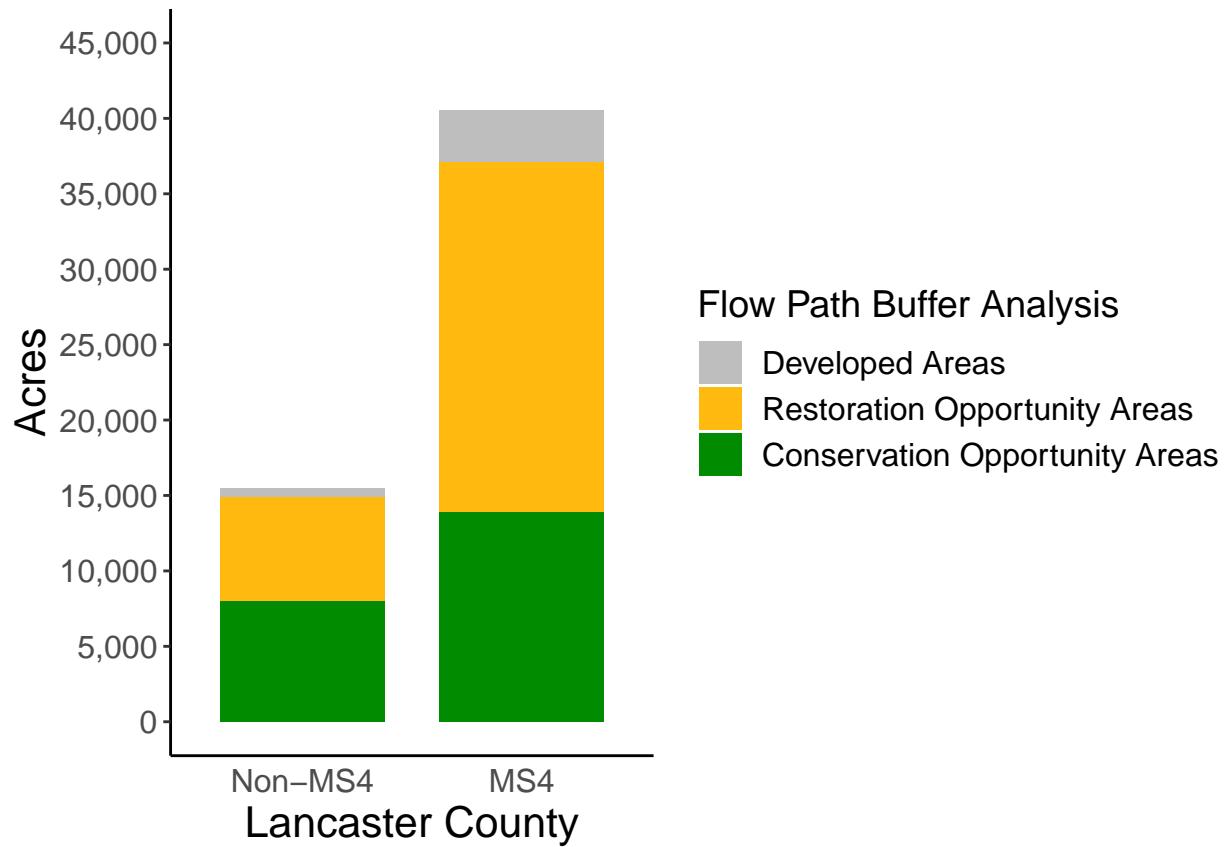
### County Summary

Lancaster County contains a total of 30,074 acres of flow path restoration opportunity area, and has 39.19% forest buffer coverage. Lancaster County has incomplete buffer data coverage.



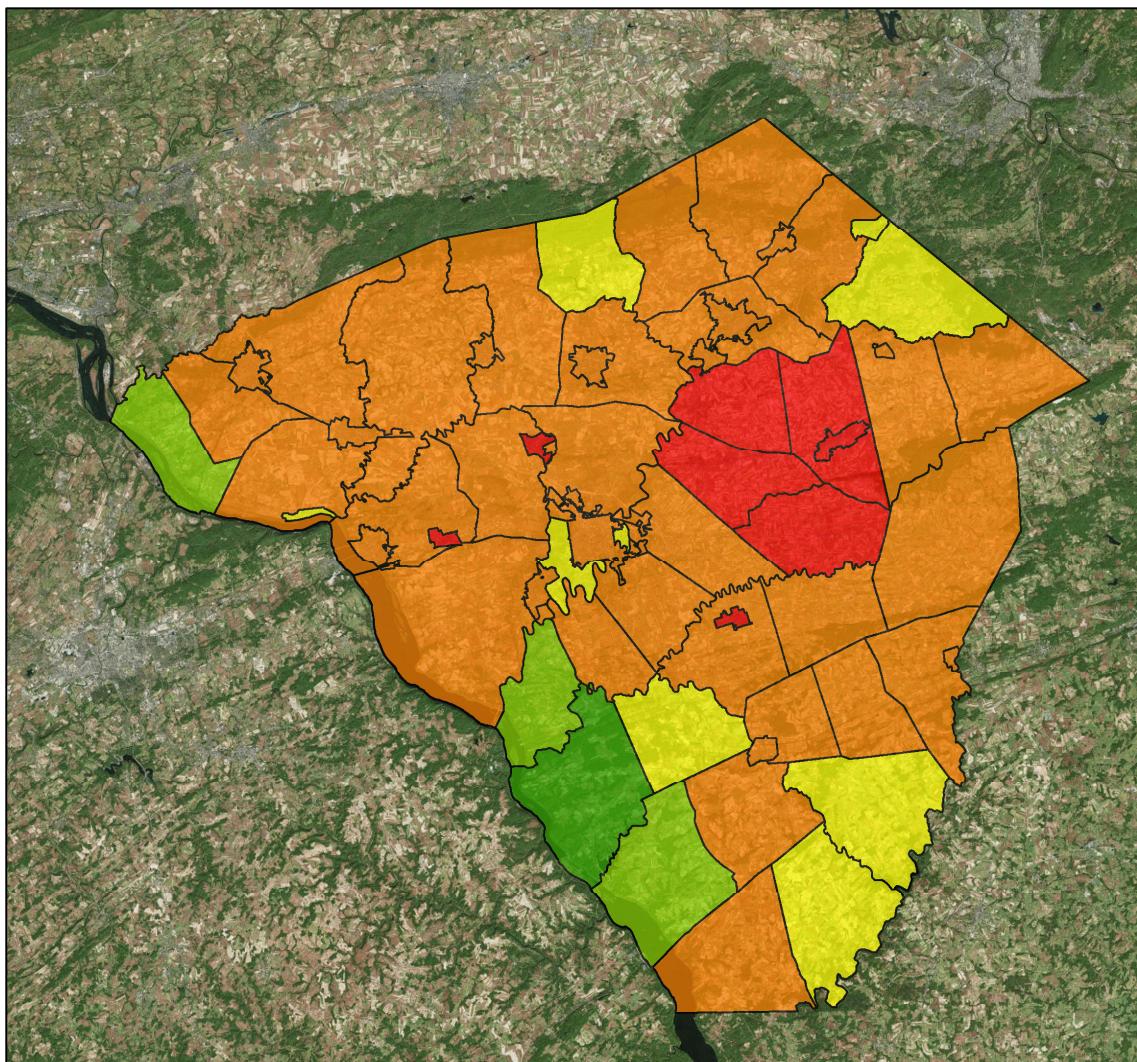
## Municipal Separate Storm Sewer System (MS4) Regulated Municipality Summary

### Totals by Municipalities



### Averages for MS4 and Non-MS4 Municipalities

	Non-MS4	MS4
Conservation Opportunity Areas (Acres)	574	303
Restoration Opportunity Areas (Acres)	490	505
Developed Areas (Acres)	41	74
Total Buffer Acres	1104	882
Percent Forest Buffer Coverage (%)	48.89	34.49



## Lancaster County Municipalities

0 5 10 20 Miles



### 100' Buffer Coverage (%)

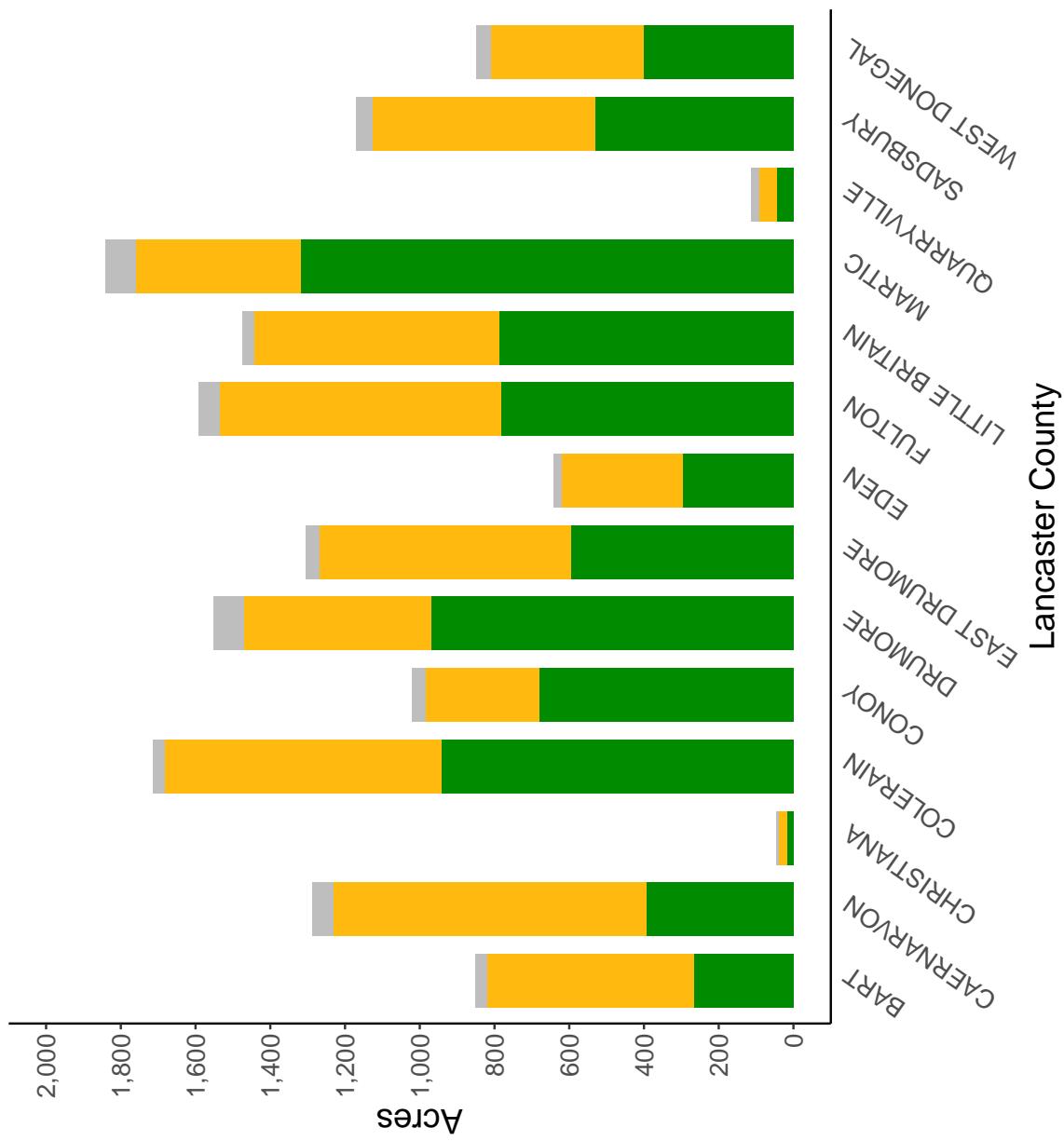
- █ 0 - 20%
- █ 20 - 50%
- █ 50 - 60%
- █ 60 - 70%
- █ 70 - 100%

Municipality	MS4	Total 100 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
BART	0	850	266	555	30	31.28
CAERNARVON	0	1,287	395	836	56	30.69
CHRISTIANA	0	44	18	20	7	40.77
COLERAIN	0	1,714	942	742	30	54.98
CONOY	0	1,021	681	304	36	66.72
DRUMORE	0	1,552	969	502	81	62.41
EAST DRUMORE	0	1,304	595	674	36	45.61
EDEN	0	641	296	323	22	46.10
FULTON	0	1,592	783	752	57	49.22
LITTLE BRITAIN	0	1,475	787	657	30	53.38
MARTIC	0	1,841	1,319	441	81	71.66
QUARRYVILLE	0	113	44	47	22	38.85
SADSBURY	0	1,171	532	594	44	45.48
WEST DONEGAL	0	849	401	409	38	47.29
ADAMSTOWN	1	95	54	20	20	57.43
AKRON	1	44	22	17	6	49.81
BRECKNOCK	1	1,522	765	634	123	50.28
CLAY	1	1,248	462	711	76	36.98
COLUMBIA	1	205	99	44	62	48.12
CONESTOGA	1	856	573	242	42	66.87
DENVER	1	83	35	33	15	42.31
EARL	1	1,337	159	1,090	88	11.88
EAST COCALICO	1	1,188	483	596	109	40.70
EAST DONEGAL	1	1,480	460	941	79	31.11
EAST EARL	1	1,330	428	842	60	32.19
EAST HEMPFIELD	1	1,278	326	742	210	25.47
EAST LAMPETER	1	1,250	268	797	185	21.44
EAST PETERSBURG	1	38	6	23	8	16.54
ELIZABETH	1	1,097	601	441	54	54.84
ELIZABETHTOWN	1	160	66	46	48	41.29
EPHRATA	1	985	276	622	88	27.99
EPHRATA	1	188	81	44	63	42.93
LANCASTER	1	371	203	106	62	54.83
LANCASTER	1	438	145	85	208	33.12
LEACOCK	1	1,077	91	927	59	8.44

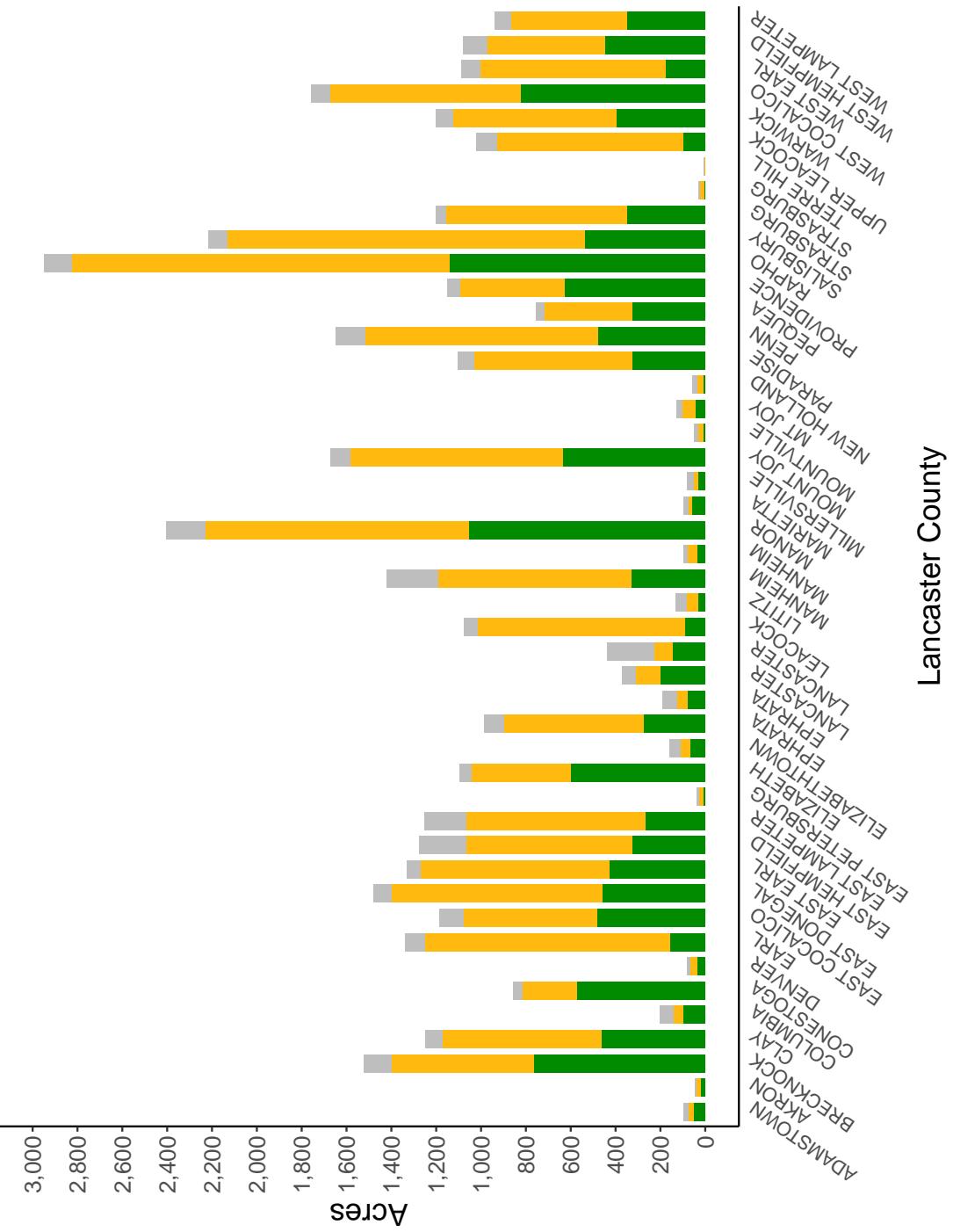
*(continued)*

Municipality	MS4	Total 100 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
LITITZ	1	130	34	48	48	26.22
MANHEIM	1	1,419	331	859	229	23.31
MANHEIM	1	96	35	44	17	36.28
MANOR	1	2,407	1,054	1,176	176	43.80
MARIETTA	1	99	58	18	23	58.23
MILLERSVILLE	1	79	31	21	28	38.61
MOUNT JOY	1	1,672	637	946	89	38.10
MOUNTVILLE	1	49	8	25	17	15.85
MT JOY	1	130	42	61	27	32.09
NEW HOLLAND	1	56	7	30	20	12.28
PARADISE	1	1,104	325	706	73	29.41
PENN	1	1,647	477	1,040	130	28.94
PEQUEA	1	756	324	394	38	42.81
PROVIDENCE	1	1,148	628	466	55	54.65
RAPHO	1	2,948	1,141	1,685	122	38.72
SALISBURY	1	2,216	539	1,591	86	24.33
STRASBURG	1	1,205	349	808	47	28.99
STRASBURG	1	31	4	21	5	14.30
TERRE HILL	1	8	2	5	1	20.58
UPPER LEACOCK	1	1,020	99	829	92	9.73
WARWICK	1	1,201	399	725	78	33.18
WEST COCALICO	1	1,757	822	849	86	46.77
WEST EARL	1	1,088	177	826	85	16.29
WEST HEMPFIELD	1	1,081	447	526	109	41.30
WEST LAMPETER	1	936	348	517	72	37.11

## Non-MS4 Regulated Municipalities



## MS4 Regulated Municipalities



Lancaster County

Flow Path  
Buffer Analysis