

Lycoming County Forest Buffer Summary

35 ft. Width

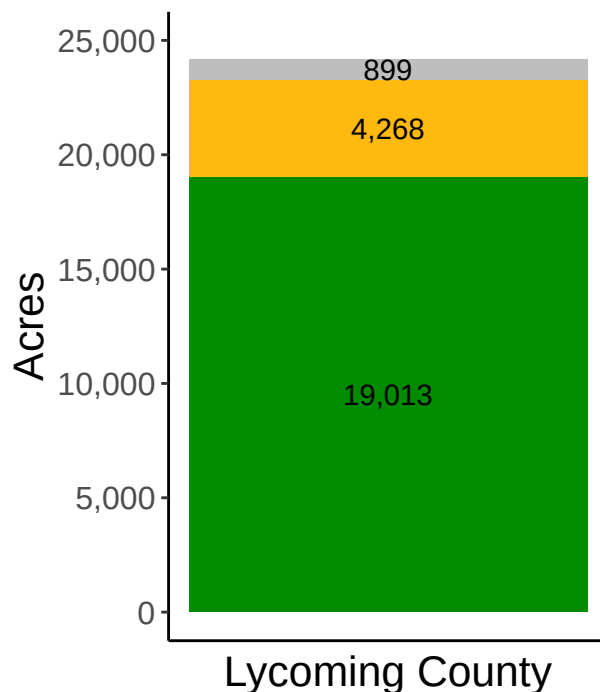
Created by: Chesapeake Conservancy, February 2019

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

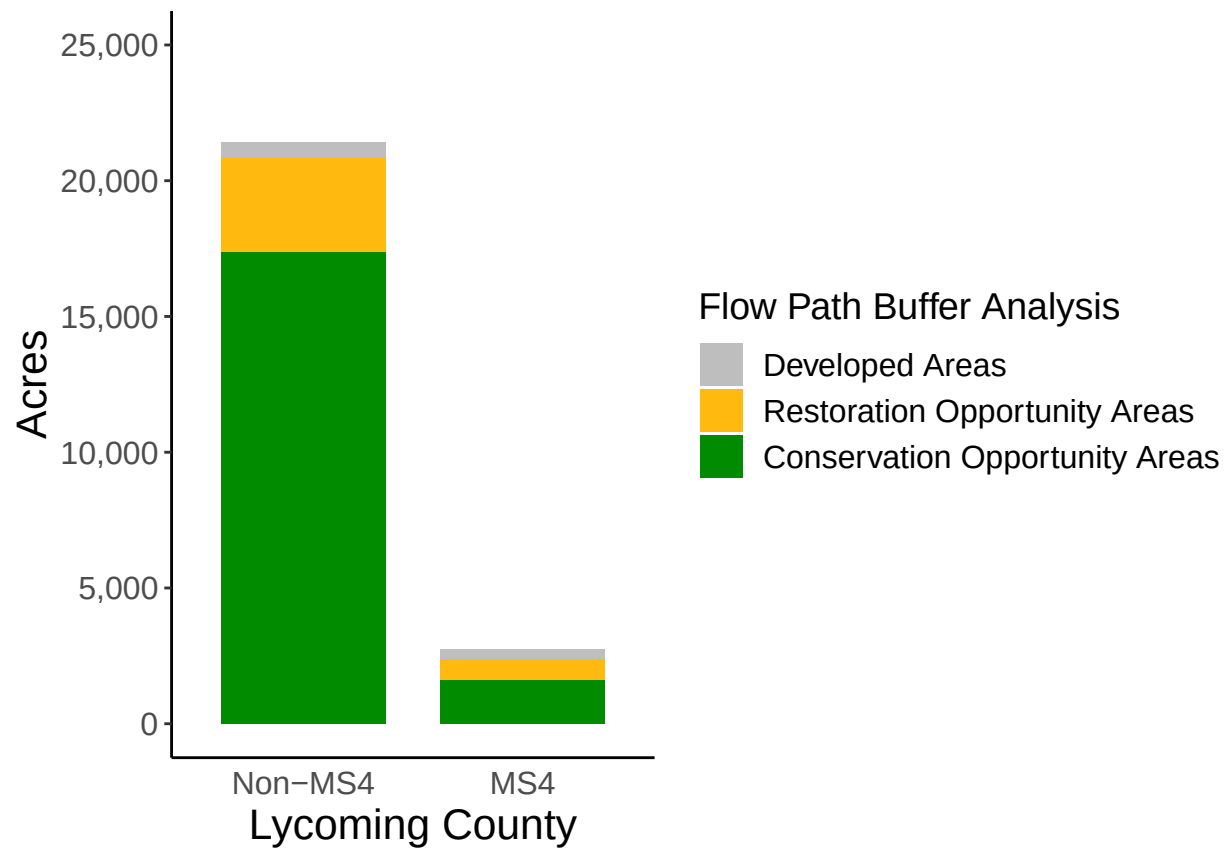
Lycoming County contains a total of 4,268 acres of flow path restoration opportunity area, and has 78.63% forest buffer coverage. Lycoming County has complete buffer data coverage.



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

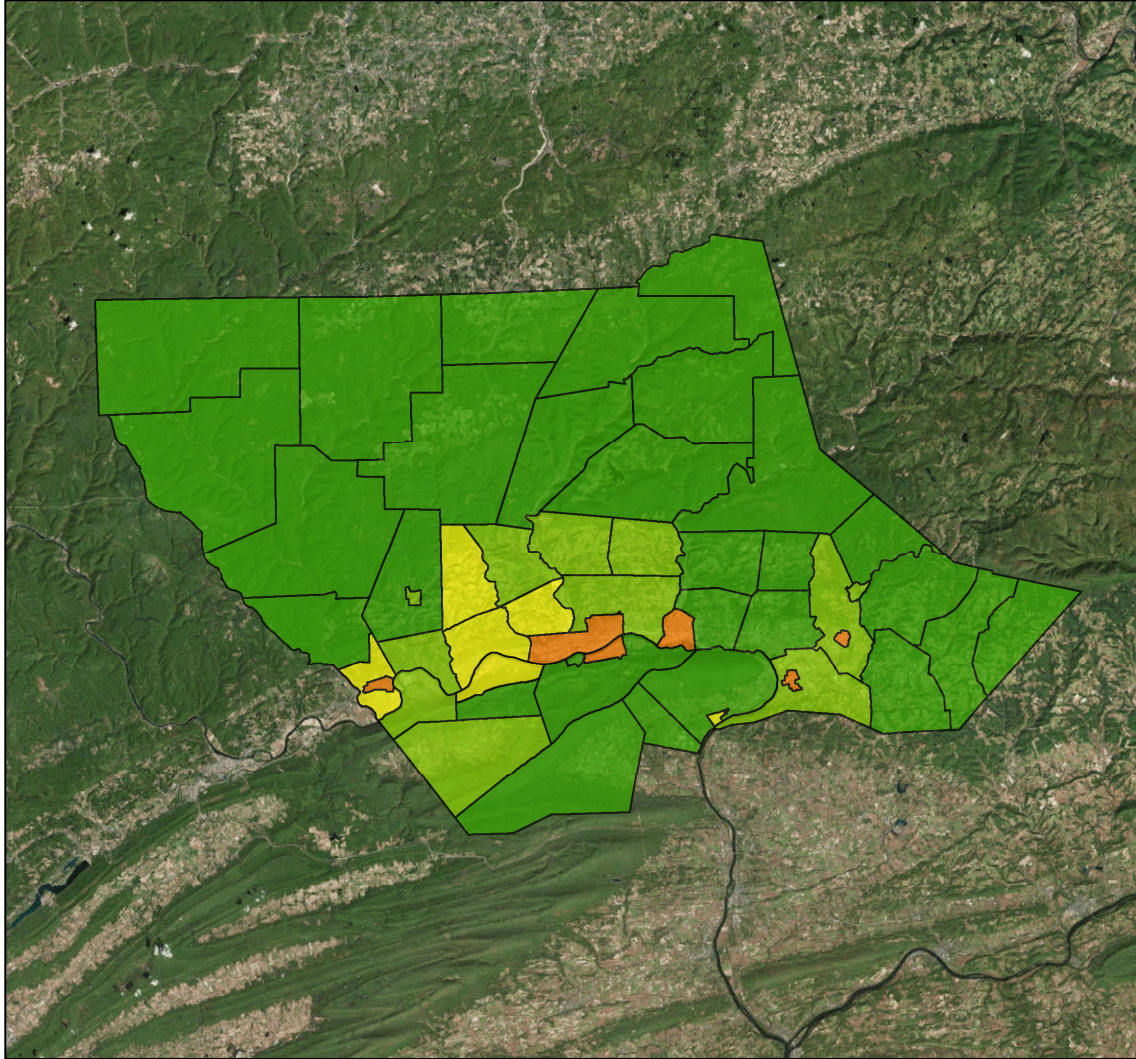
Municipal Separate Storm Sewer System (MS4) Regulated Municipality Summary

Totals by Municipalities

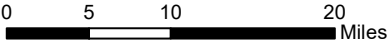


Averages for MS4 and Non-MS4 Municipalities

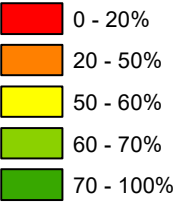
	Non-MS4	MS4
Conservation Opportunity Areas (Acres)	424	149
Restoration Opportunity Areas (Acres)	85	70
Developed Areas (Acres)	14	31
Total Buffer Acres	523	250
Percent Forest Buffer Coverage (%)	73.25	57.90



Lycoming County Municipalities



35' Buffer Coverage (%)

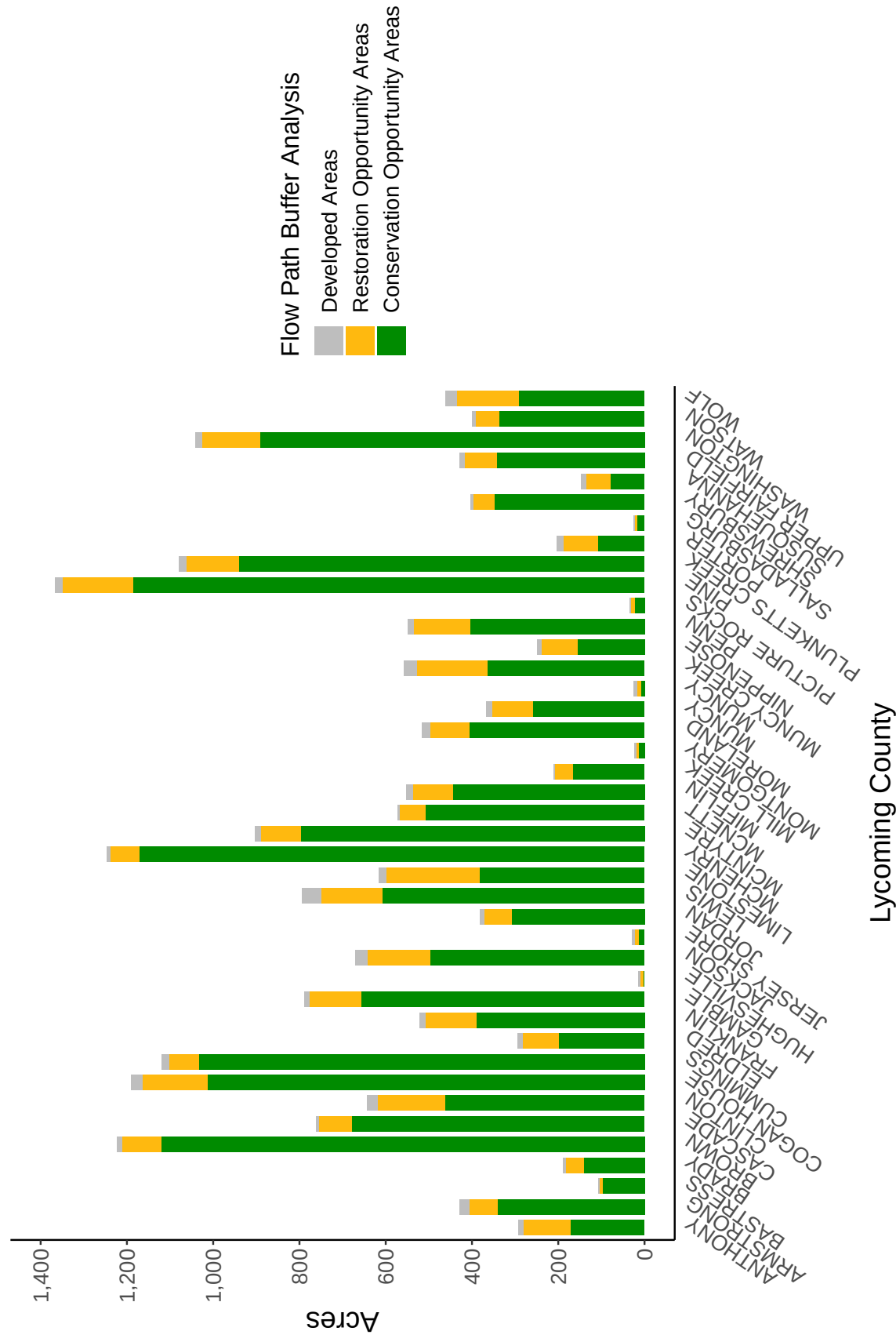


Municipality	MS4	Total 35 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
ANTHONY	0	294	172	110	11	58.71
ARMSTRONG	0	428	340	66	22	79.52
BASTRESS	0	107	97	7	2	91.48
BRADY	0	189	140	43	6	74.04
BROWN	0	1,223	1,120	91	12	91.56
CASCADE	0	761	679	76	6	89.18
CLINTON	0	644	463	156	25	71.90
COGAN HOUSE	0	1,191	1,013	151	27	85.03
CUMMINGS	0	1,120	1,033	70	17	92.21
ELDRED	0	294	199	83	12	67.62
FRANKLIN	0	523	389	119	14	74.52
GAMBLE	0	787	657	120	11	83.41
HUGHESVILLE	0	14	3	6	5	23.20
JACKSON	0	670	497	145	28	74.17
JERSEY SHORE	0	29	14	8	7	47.56
JORDAN	0	381	309	62	10	81.08
LEWIS	0	794	607	143	45	76.41
LIMESTONE	0	616	383	215	18	62.14
MCHENRY	0	1,246	1,172	66	8	94.07
MCINTYRE	0	904	798	91	14	88.33
MCNETT	0	573	507	61	5	88.44
MIFFLIN	0	552	444	93	15	80.43
MILL CREEK	0	210	167	40	3	79.73
MONTGOMERY	0	22	13	6	4	58.42
MORELAND	0	516	407	90	19	78.91
MUNCY	0	367	259	94	14	70.46
MUNCY	0	24	8	9	8	31.97
MUNCY CREEK	0	557	365	163	30	65.50
NIPPENOSE	0	248	155	83	10	62.56
PENN	0	548	404	132	13	73.59
PICTURE ROCKS	0	34	22	10	2	66.10
PINE	0	1,366	1,186	163	17	86.84
PLUNKETTS CREEK	0	1,079	941	120	18	87.24
PORTER	0	204	108	81	15	52.77
SALLADASBURG	0	26	16	7	3	61.88

(continued)

Municipality	MS4	Total 35 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
SHREWSBURY	0	405	348	50	6	86.01
SUSQUEHANNA	0	147	79	57	12	53.47
UPPER FAIRFIELD	0	428	342	75	11	79.93
WASHINGTON	0	1,041	891	135	15	85.61
WATSON	0	401	336	56	9	83.78
WOLF	0	462	292	142	27	63.28
DUBOISTOWN	1	21	16	3	2	76.71
FAIRFIELD	1	264	190	62	11	72.14
HEPBURN	1	369	257	92	20	69.65
LOYALSOCK	1	463	291	123	50	62.71
LYCOMING	1	360	251	93	15	69.84
MONTOURSVILLE	1	136	62	50	23	45.90
OLD LYCOMING	1	212	113	67	32	53.47
PIATT	1	240	148	73	19	61.53
SOUTH WILLIAMSPORT	1	66	23	23	21	34.24
WILLIAMSPORT	1	301	94	84	123	31.16
WOODWARD	1	322	192	106	24	59.59

Non-MS4 Regulated Municipalities



MS4 Regulated Municipalities

