Clinton County Forest Buffer Summary
100 ft. Width

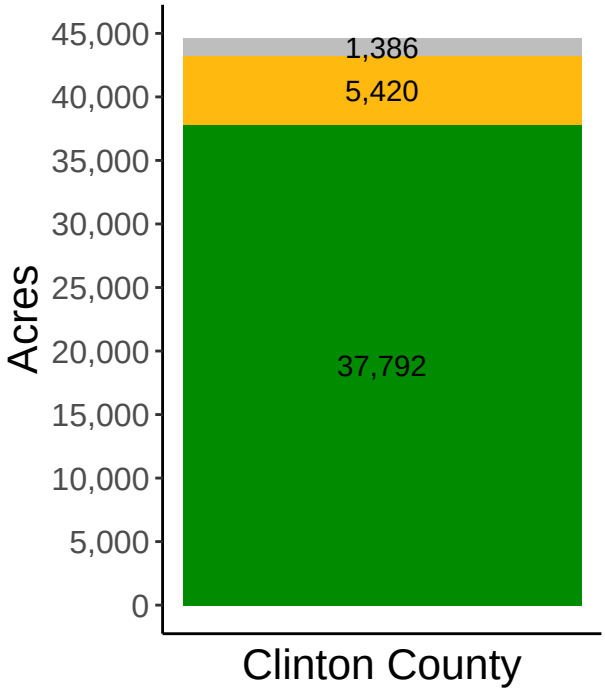
Created by: Chesapeake Conservancy, February 2019

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

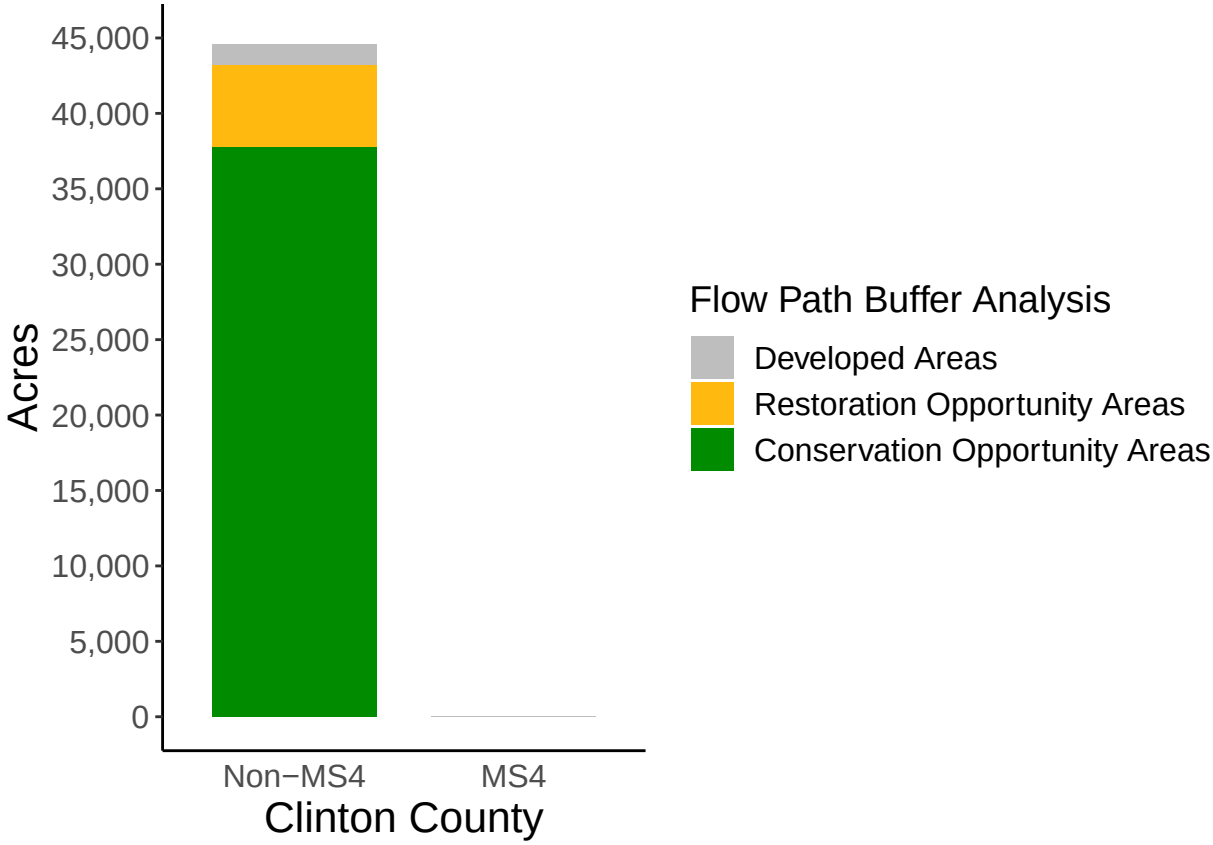
Clinton County contains a total of 5,420 acres of flow path restoration opportunity area, and has 84.74% forest buffer coverage. Clinton County has complete buffer data coverage.



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

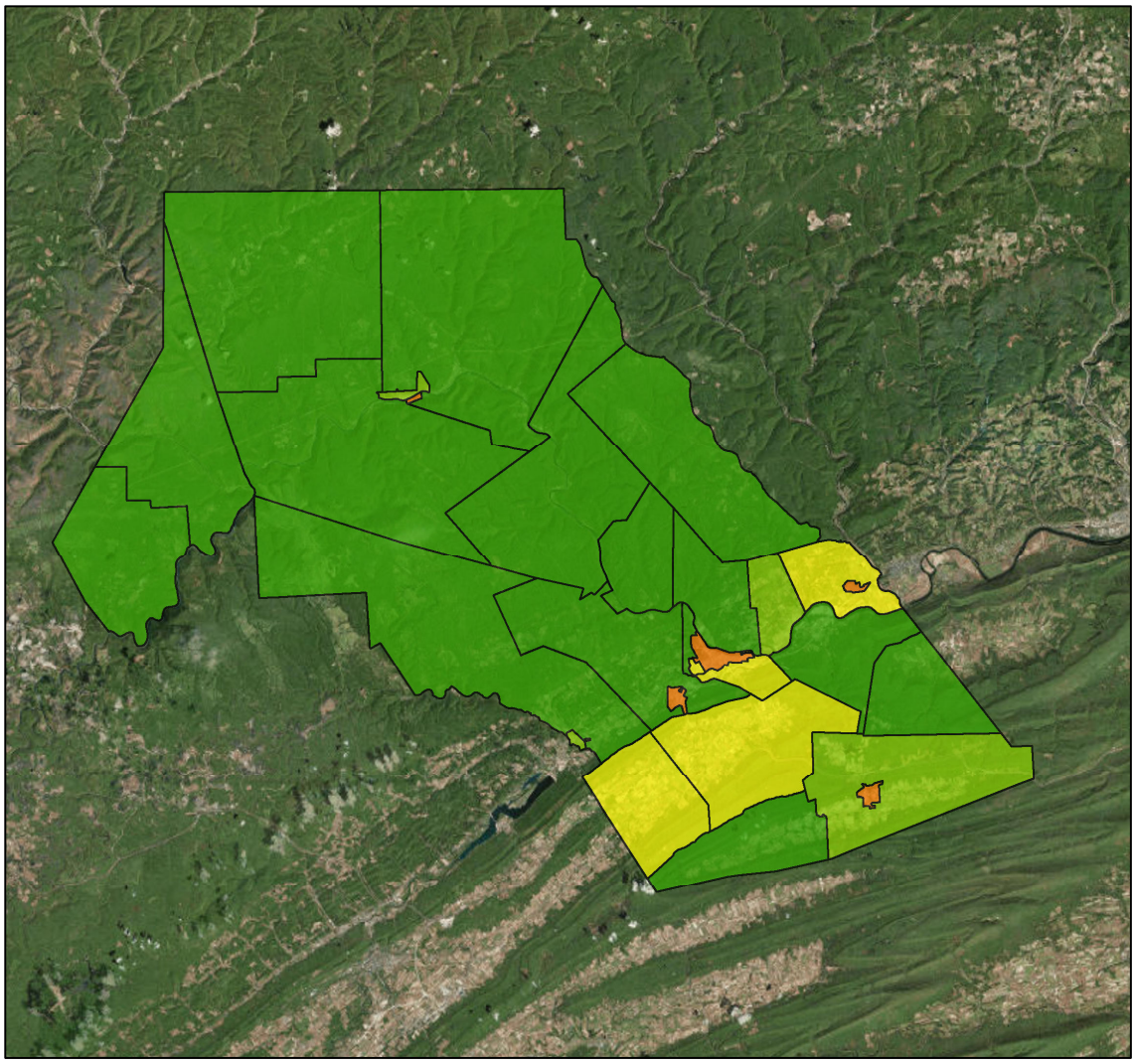
Totals by Municipalities



Clinton County does not contain any MS4 Municipalities.

Averages for MS4 and Non-MS4 Municipalities

	Non-MS4	MS4
Conservation Opportunity Areas (Acres)	1303	0
Restoration Opportunity Areas (Acres)	187	0
Developed Areas (Acres)	48	0
Total Buffer Acres	1538	0
Percent Forest Buffer Coverage (%)	69.55	0.00



Clinton County Municipalities

0 5 10 20
Miles

N

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 (%)
ALLISON	0	127	97	22	8	76.78
AVIS	0	37	10	14	14	25.75
BALD EAGLE	0	2,254	1,867	288	99	82.83
BEECH CREEK	0	4,633	4,182	389	62	90.27
BEECH CREEK	0	40	27	9	5	66.69
CASTANEA	0	310	179	86	44	57.82
CHAPMAN	0	5,428	5,145	190	93	94.79
COLEBROOK	0	981	922	35	25	93.93
CRAWFORD	0	953	763	161	30	79.99
DUNNSTABLE	0	656	413	206	37	62.96
EAST KEATING	0	2,445	2,210	175	59	90.42
FLEMINGTON	0	39	22	12	5	56.66
GALLAGHER	0	2,555	2,442	99	15	95.55
GREENE	0	2,401	1,589	679	132	66.19
GRUGAN	0	3,148	3,032	66	50	96.32
LAMAR	0	2,079	1,145	792	141	55.10
LEIDY	0	4,770	4,292	387	90	90.00
LOCK HAVEN	0	173	46	66	61	26.41
LOGAN	0	1,186	942	222	22	79.41
LOGANTON	0	69	30	37	3	42.64
MILL HALL	0	60	21	19	20	34.86
NOYES	0	3,817	3,566	174	77	93.42
PINE CREEK	0	986	590	331	65	59.90
PORTER	0	1,276	646	567	63	50.60
RENOVO	0	125	76	30	19	60.47
SOUTH RENOVO	0	22	6	11	4	29.48
WAYNE	0	1,173	915	187	71	78.04
WEST KEATING	0	1,869	1,788	51	30	95.66
WOODWARD	0	987	828	115	43	83.96

*

Non-MS4 Regulated Municipalities