

Bradford County Forest Buffer Summary

100 ft. Width

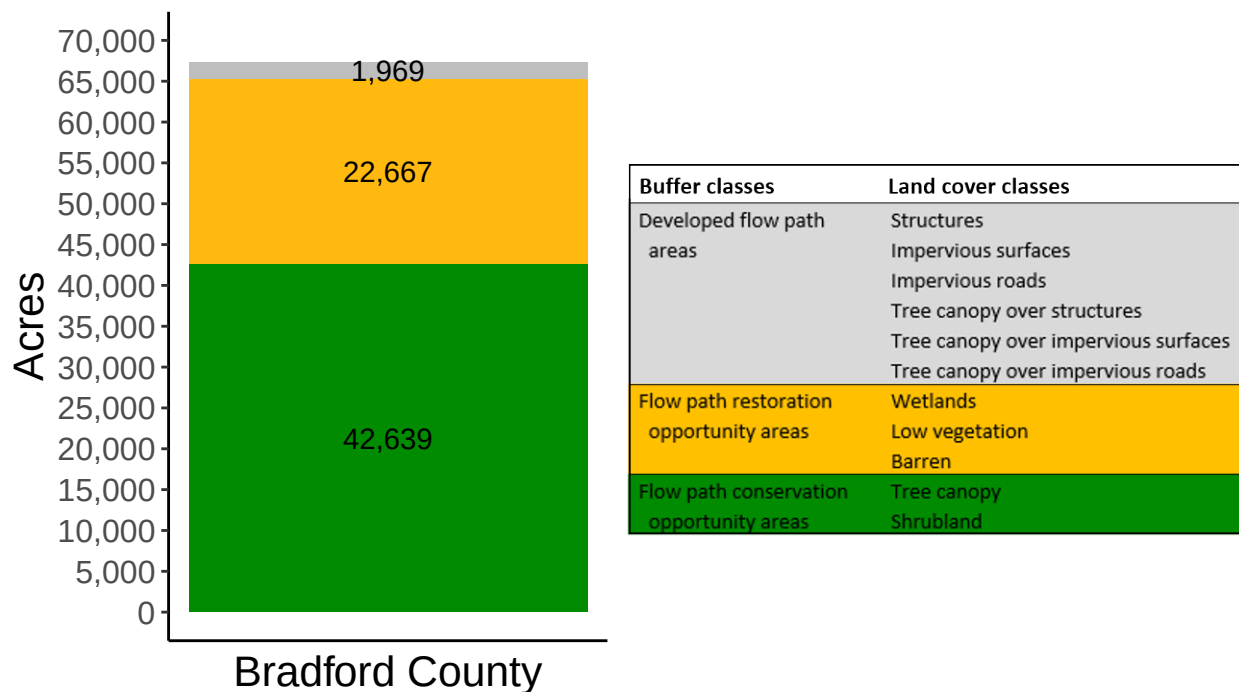
Created by: Chesapeake Conservancy, February 2019

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.”

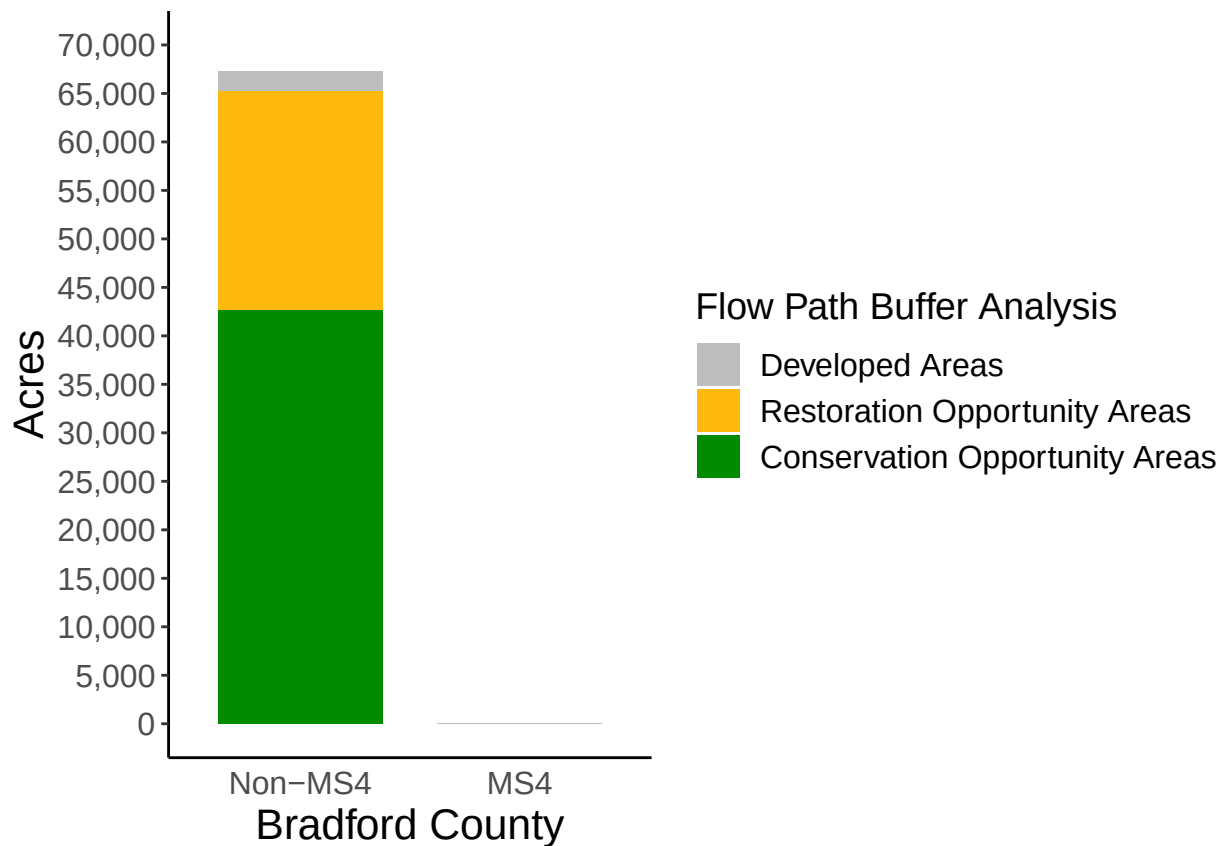
County Summary

Bradford County contains a total of 22,667 acres of flow path restoration opportunity area, and has 63.38% forest buffer coverage. Bradford County has complete buffer data coverage.



Municipal Separate Storm Sewer System (MS4) Regulated Municipality Summary

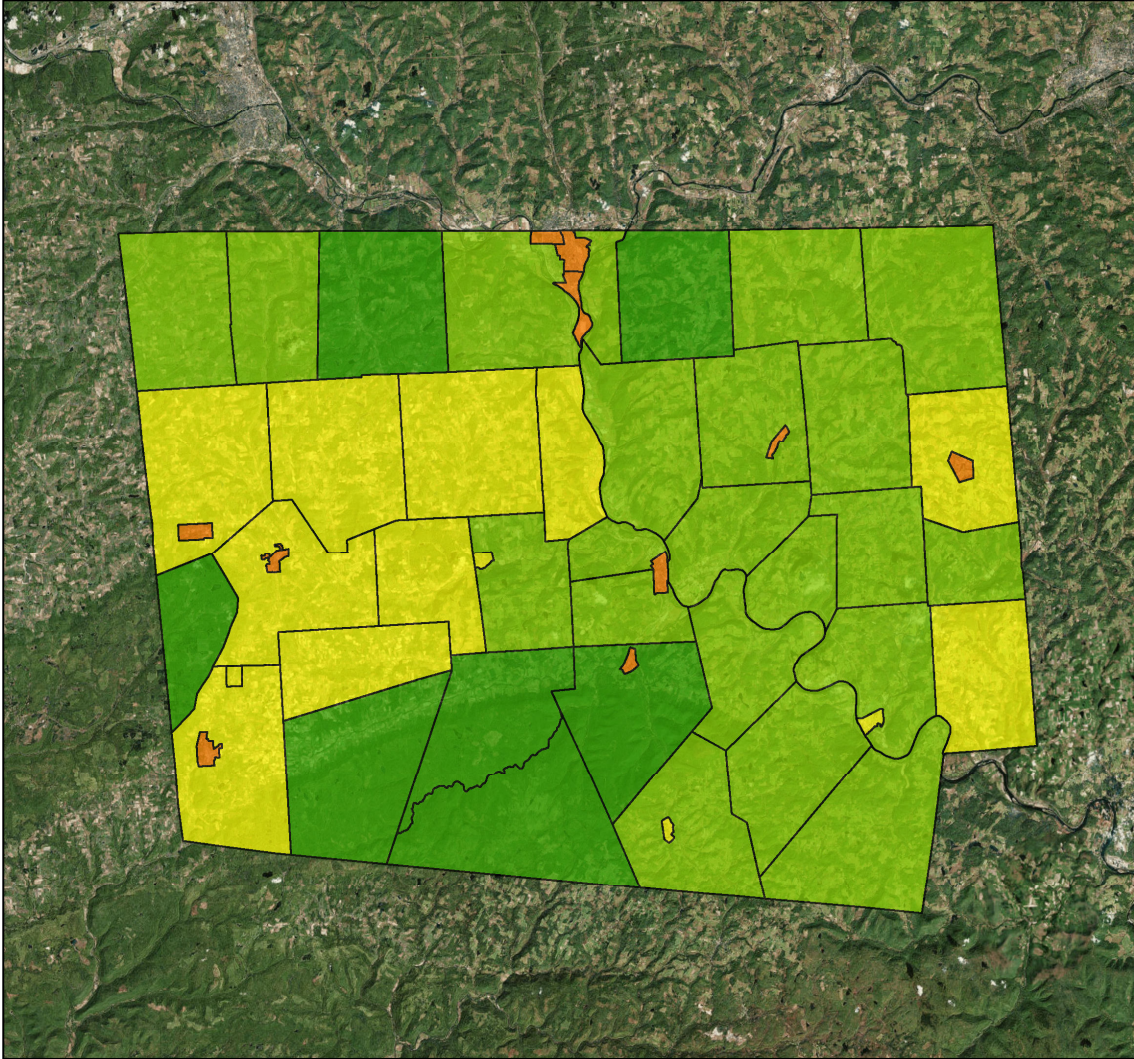
Totals by Municipalities



Bradford County does not contain any MS4 Municipalities.

Averages for MS4 and Non-MS4 Municipalities

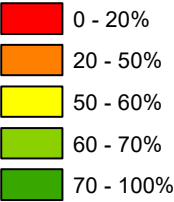
	Non-MS4	MS4
Conservation Opportunity Areas (Acres)	836	0
Restoration Opportunity Areas (Acres)	444	0
Developed Areas (Acres)	39	0
Total Buffer Acres	1319	0
Percent Forest Buffer Coverage (%)	58.14	0.00



Bradford County Municipalities



100' Buffer Coverage (%)



Municipality	MS4	Total 100 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
ALBA	0	63	34	24	4	54.59
ALBANY	0	1,946	1,264	640	43	64.95
ARMENIA	0	855	690	150	15	80.70
ASYLUM	0	1,577	967	575	36	61.28
ATHENS	0	2,801	1,822	880	99	65.06
ATHENS	0	159	57	76	26	35.84
BURLINGTON	0	1,458	989	443	26	67.82
BURLINGTON	0	60	33	26	1	55.59
CANTON	0	2,328	1,311	939	78	56.30
CANTON	0	149	72	52	24	48.47
COLUMBIA	0	2,264	1,147	1,044	73	50.67
FRANKLIN	0	2,100	1,542	517	41	73.42
GRANVILLE	0	1,428	795	600	33	55.65
HERRICK	0	1,335	808	508	19	60.51
LE RAYSVILLE	0	68	27	39	3	39.01
LEROY	0	2,714	1,905	759	50	70.18
LITCHFIELD	0	1,629	1,182	420	28	72.52
MONROE	0	1,918	1,476	389	53	76.96
MONROE	0	53	23	22	7	44.11
NEW ALBANY	0	42	24	14	4	56.92
NORTH TOWANDA	0	683	422	229	31	61.84
ORWELL	0	1,842	1,135	658	49	61.62
OVERTON	0	2,211	1,955	233	23	88.43
PIKE	0	1,548	901	619	28	58.16
RIDGEBURY	0	2,151	1,552	547	52	72.12
ROME	0	1,705	1,128	522	55	66.15
ROME	0	53	17	31	5	32.39
SAYRE	0	164	55	49	61	33.38
SHESHEQUIN	0	2,182	1,316	818	48	60.31
SMITHFIELD	0	2,455	1,292	1,118	45	52.62
SOUTH CREEK	0	1,525	971	499	54	63.68
SOUTH WAVERLY	0	36	12	18	5	33.90
SPRINGFIELD	0	2,197	1,231	916	51	56.00
STANDING STONE	0	1,100	748	305	48	67.96
STEVENS	0	1,025	635	366	23	61.99

(continued)

Municipality	MS4	Total 100 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
SYLVANIA	0	87	41	43	3	47.22
TERRY	0	1,951	1,212	688	51	62.14
TOWANDA	0	989	612	343	33	61.90
TOWANDA	0	65	18	15	33	27.16
TROY	0	2,093	1,172	826	95	56.01
TROY	0	77	32	20	24	42.05
TUSCARORA	0	1,770	982	735	53	55.49
ULSTER	0	1,138	650	444	43	57.16
WARREN	0	2,348	1,587	712	50	67.57
WELLS	0	1,764	1,077	648	39	61.05
WEST BURLINGTON	0	1,392	834	522	36	59.92
WILMOT	0	2,531	1,578	896	57	62.35
WINDHAM	0	1,724	1,105	583	36	64.08
WYALUSING	0	1,867	1,203	579	86	64.43
WYALUSING	0	66	36	23	7	54.88
WYSOX	0	1,587	963	544	80	60.67

*

Non-MS4 Regulated Municipalities

