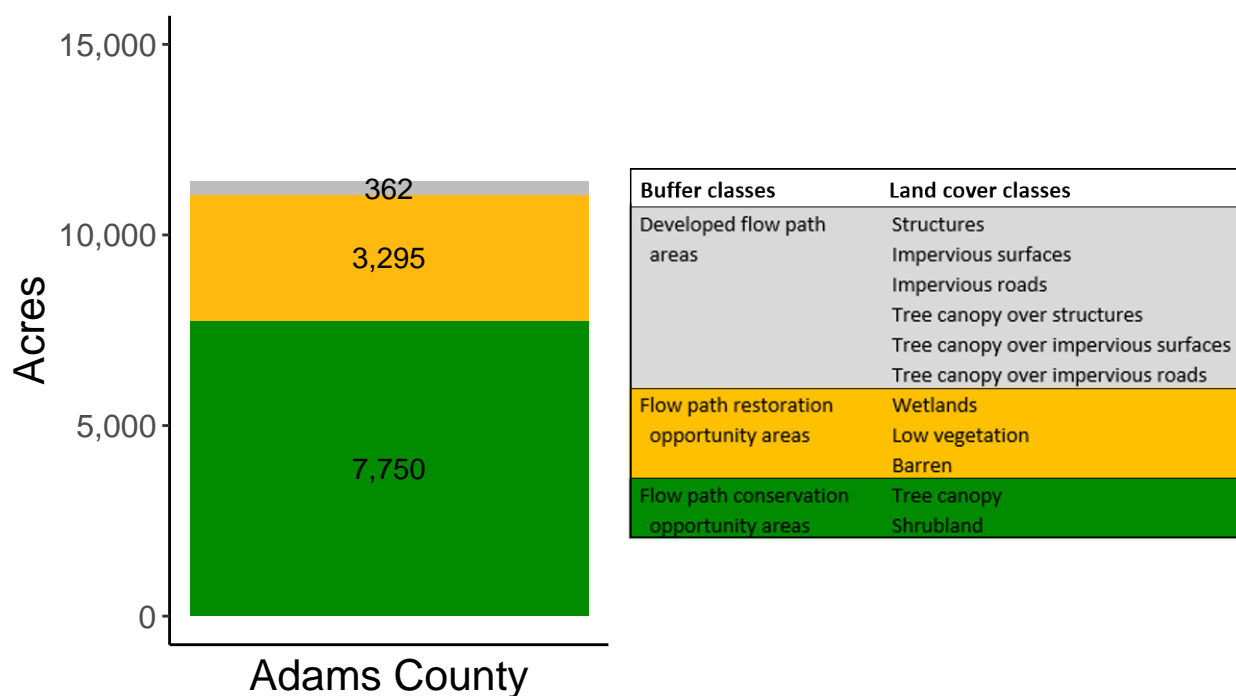# Adams County Forest Buffer Summary
35 ft. Width

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

Adams County contains a total of 3,295 acres of flow path restoration opportunity area, and has 67.94% forest buffer coverage. Adams 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
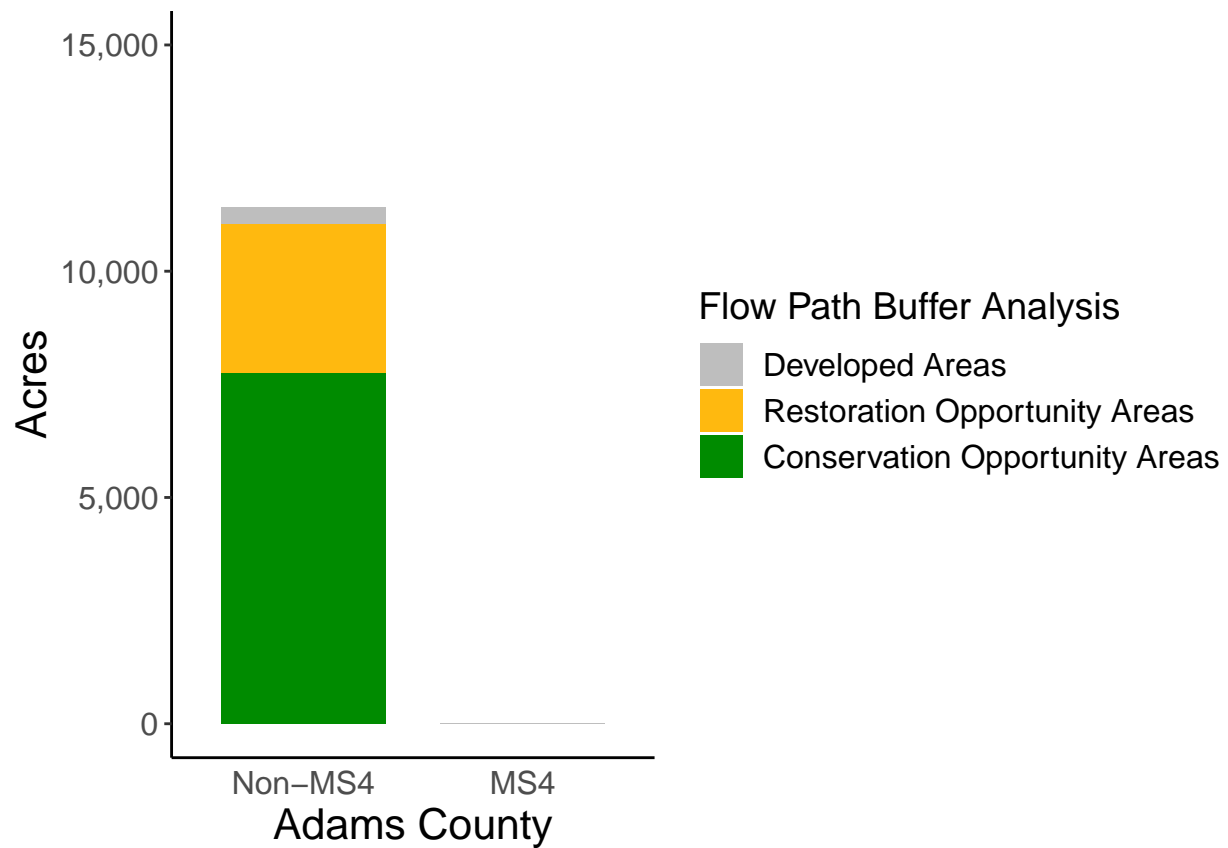
Adams County does not contain any MS4 Municipalities.

Averages for MS4 and Non-MS4 Municipalities

	Non-MS4	MS4
Conservation Opportunity Areas (Acres)	228	0
Restoration Opportunity Areas (Acres)	97	0
Developed Areas (Acres)	11	0
Total Buffer Acres	336	0
Percent Forest Buffer Coverage (%)	59.78	0.00

Adams County Municipalities

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N

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 (%)
ABBOTTSTOWN	0	7	5	2	0	71.81
ARENDTSVILLE	0	11	4	6	1	32.90
BENDERSVILLE	0	9	4	4	1	47.22
BERWICK	0	148	94	48	6	63.78
BIGLERVILLE	0	13	3	8	3	18.88
BONNEAUVILLE	0	23	15	6	3	63.26
BUTLER	0	646	394	234	18	61.04
CARROLL VALLEY	0	118	83	27	8	70.56
CONEWAGO	0	256	127	111	18	49.56
CUMBERLAND	0	737	485	229	23	65.80
EAST BERLIN	0	13	12	1	0	90.15
FAIRFIELD	0	27	8	18	2	27.52
FRANKLIN	0	1,352	1,044	268	40	77.21
FREEDOM	0	303	196	102	5	64.73
GERMANY	0	290	175	109	6	60.45
GETTYSBURG	0	37	12	15	9	34.01
HAMILTON	0	323	251	68	4	77.92
HAMILTONBAN	0	774	587	161	27	75.76
HIGHLAND	0	292	207	79	6	70.85
HUNTINGTON	0	536	327	189	20	60.98
LATIMORE	0	490	356	124	10	72.59
LIBERTY	0	361	262	88	12	72.56
LITTLESTOWN	0	22	12	8	2	54.09
MCSHERRYSTOWN	0	13	5	4	4	36.53
MENALLEN	0	895	652	215	27	72.91
MOUNT JOY	0	623	438	171	14	70.27
MOUNT PLEASANT	0	637	405	212	19	63.65
NEW OXFORD	0	4	2	1	0	60.22
OXFORD	0	270	153	99	17	56.78
READING	0	581	417	153	10	71.81
STRABAN	0	743	499	221	23	67.14
TYRONE	0	471	315	144	12	66.80
UNION	0	376	200	167	9	53.20
YORK SPRINGS	0	8	2	4	2	29.44

*

Non-MS4 Regulated Municipalities

Acres

Flow Path Buffer Analysis
- Developed Areas
- Restoration Opportunity Areas
- Conservation Opportunity Areas

Adams County

ABBOTTSTOWN
ARENDTSVILLE
BENDERSVILLE
BERWICK
BIGLERVILLE
BONNEAUVILLE
BUTLER
CARROLL VALLEY
CONEWAGO
CUMBERLAND
EAST BERLIN
FAIRFIELD
FRANKLIN
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