

Clearfield County Forest Buffer Summary

100 ft. Width

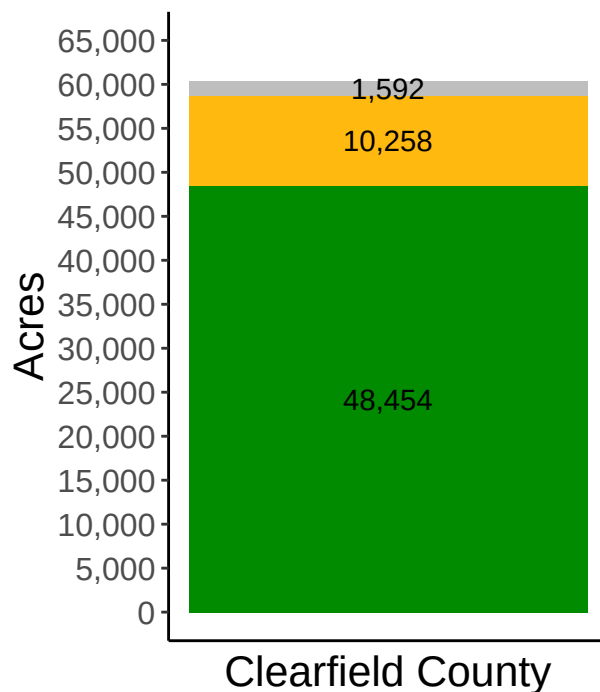
Created by: Chesapeake Conservancy, February 2019

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

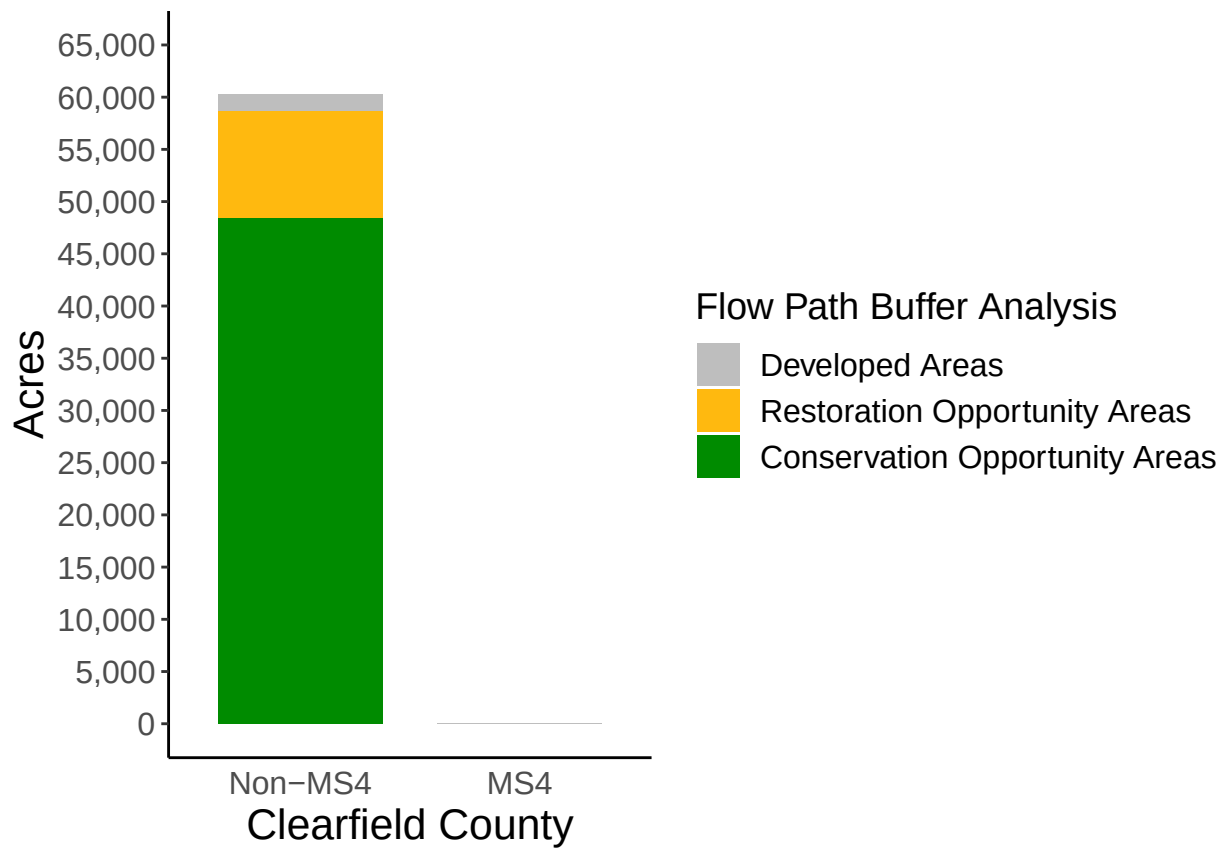
Clearfield County contains a total of 10,258 acres of flow path restoration opportunity area, and has 80.35% forest buffer coverage. Clearfield County has incomplete buffer data coverage.



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	Tree canopy over impervious roads
	Wetlands
	Low vegetation
Flow path conservation opportunity areas	Barren
	Tree canopy
	Shrubland

Municipal Separate Storm Sewer System (MS4) Regulated Municipality Summary

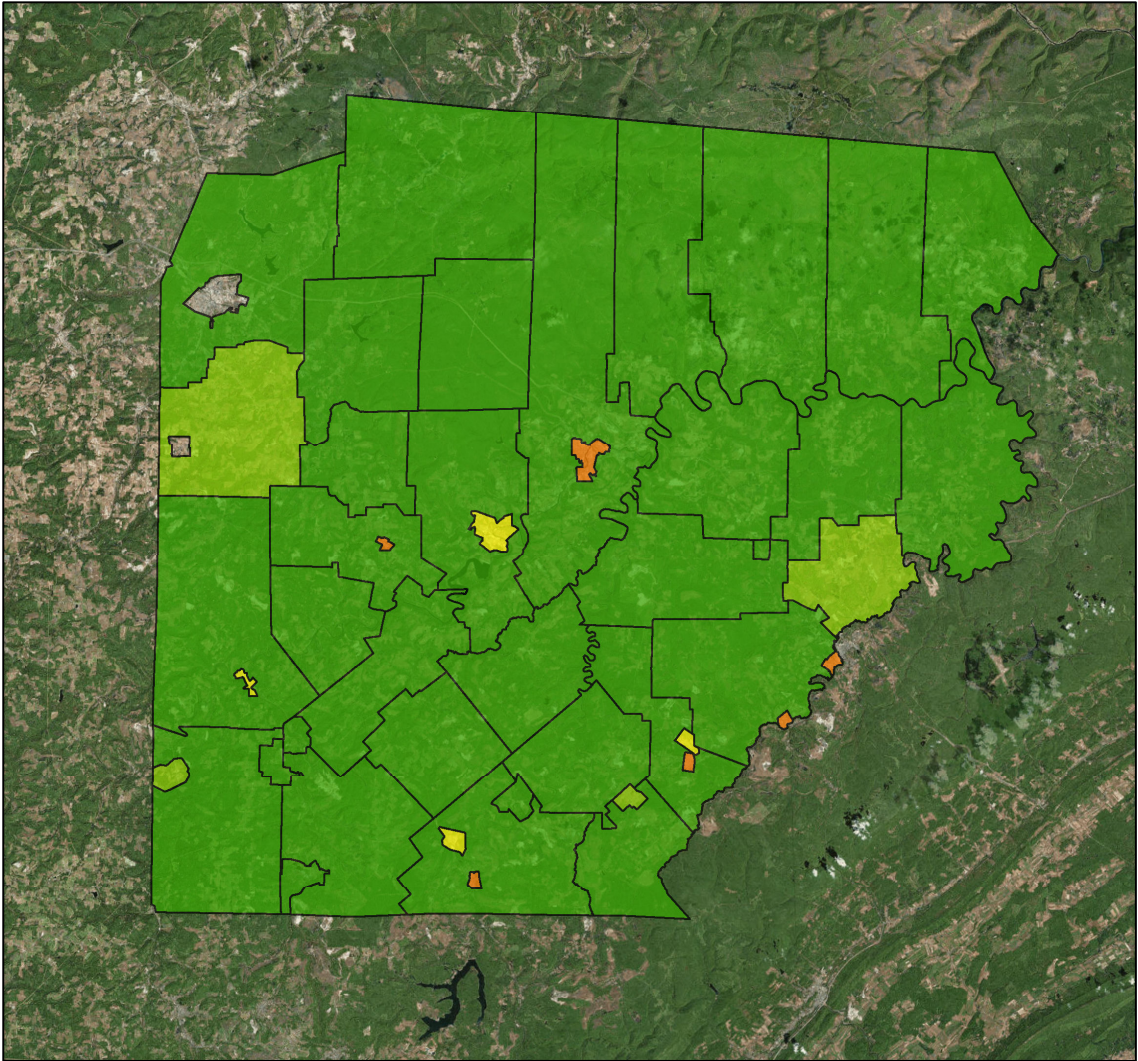
Totals by Municipalities



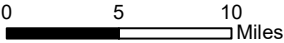
Clearfield County does not contain any MS4 Municipalities.

Averages for MS4 and Non-MS4 Municipalities

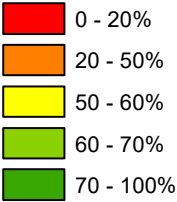
	Non-MS4	MS4
Conservation Opportunity Areas (Acres)	1031	0
Restoration Opportunity Areas (Acres)	218	0
Developed Areas (Acres)	34	0
Total Buffer Acres	1283	0
Percent Forest Buffer Coverage (%)	72.20	0.00



Clearfield 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 (%)
BECCARIA	0	2,106	1,627	451	28	77.23
BELL	0	2,680	2,297	334	48	85.73
BIGLER	0	1,639	1,167	442	30	71.18
BLOOM	0	1,032	856	164	11	83.00
BOGGS	0	2,089	1,757	289	43	84.09
BRADFORD	0	2,188	1,697	404	87	77.55
BRADY	0	200	138	59	2	69.19
BRISBIN	0	46	24	18	4	52.68
BURNSIDE	0	2,444	1,998	400	47	81.73
BURNSIDE	0	186	128	51	7	68.96
CHEST	0	2,079	1,683	363	32	80.98
CHESTER HILL	0	45	21	19	5	47.72
CLEARFIELD	0	157	38	33	86	24.50
COALPORT	0	29	14	9	6	48.90
COOPER	0	2,302	1,909	341	52	82.93
COVINGTON	0	2,712	2,419	257	36	89.19
CURWENSVILLE	0	167	95	39	33	56.84
DECATUR	0	2,666	1,906	701	59	71.49
FERGUSON	0	1,475	1,218	239	18	82.58
GIRARD	0	3,273	2,782	457	35	84.98
GLEN HOPE	0	164	126	31	7	76.98
GOSHEN	0	2,665	2,234	397	34	83.83
GRAHAM	0	1,606	1,375	201	30	85.64
GRAMPIAN	0	28	11	11	5	40.70
GREENWOOD	0	1,300	1,085	187	29	83.44
GULICH	0	1,209	910	286	13	75.27
HOUTZDALE	0	36	8	16	12	21.00
HUSTON	0	3,674	2,982	594	97	81.18
IRVONA	0	76	40	30	6	52.68
JORDAN	0	1,322	1,104	206	13	83.46
KARTHAUS	0	2,057	1,784	212	60	86.77
KNOX	0	1,441	1,220	199	21	84.68
LAWRENCE	0	4,665	3,585	808	272	76.85
MAHAFFEY	0	43	24	15	4	55.84
MORRIS	0	1,253	844	380	29	67.33

(continued)

Municipality	MS4	Total 100 ft buffer acres	Conservation opportunity areas (acres)	Restoration opportunity areas (acres)	Developed areas (acres)	Percent forest buffer coverage (%)
NEW WASHINGTON	0	115	107	6	2	93.16
NEWBURG	0	146	112	28	7	76.28
OSCEOLA MILLS	0	31	13	11	7	42.22
PENN	0	1,441	1,149	265	27	79.68
PIKE	0	2,550	2,043	431	76	80.13
PINE	0	1,627	1,356	201	70	83.31
RAMEY	0	51	33	16	2	65.30
SANDY	0	138	125	7	5	90.61
UNION	0	1,416	1,149	218	48	81.15
WALLACETON	0	38	29	8	1	75.12
WESTOVER	0	318	248	57	13	78.08
WOODWARD	0	1,379	983	365	31	71.27

Non-MS4 Regulated Municipalities

