

Fairfax County 2018 MS4 Program Plan and Annual Report

# Appendix P7

Number of impervious, pervious and total acres served by the Fairfax County MS4 as of June 30, 2009, as well as the number of impervious, pervious and total acres treated by stormwater controls in Fairfax County as of June 30, 2009.

VSMP Permit Number VA0088587  
9-28-2018

Number of Impervious, Pervious and Total Acres Served by the Fairfax County MS4 as of June 30, 2009

Impervious (acres)	Pervious (acres)	Total (acres)
18,502.1	45,811.4	64,313.5

Number of Impervious, Pervious and Total Acres Served by the Fairfax County MS4 as of June 30, 2009, by Chesapeake Bay Segment

Chesapeake Bay Segment	Impervious (acres)	Pervious (acres)	Total (acres)
POTTF_DC	677.8	1,806.3	2,484.1
POTTF_MD	4,734.5	13,575.1	18,309.6
POTTF_VA	13,089.8	30,430.0	43,519.8

Number of Impervious, Pervious and Total Acres Served by the Fairfax County MS4 as of June 30, 2009, by sixth order Hydrologic Unit Code (HUC)

VAHU6	Impervious (acres)	Pervious (acres)	Total (acres)
PL18	736.8	1,627.6	2,364.4
PL21	602.7	1,612.5	2,215.2
PL22	2,547.4	7,857.1	10,404.55
PL23	782.2	2,281.8	3,064.0
PL24	677.8	1,806.3	2,484.1
PL25	438.6	485.5	924.1
PL26	2,058.1	5,191.7	7,249.8
PL27	893.0	2,317.3	3,210.3
PL28	755.6	1,853.3	2,608.9
PL29	2,268.3	6,039.7	8,308.0
PL30	3330.9	6665.3	9996.2
PL44	4.5	20.7	25.2
PL45	2,419.7	4,827.3	7,247.0
PL46	794.4	2,551.8	3,346.2
PL47	26.0	172.5	198.5
PL48	166.0	501.2	667.2

Number of Impervious, Pervious and Total Acres Served by the Fairfax County MS4 as of June 30, 2009, by Local Watershed

Local Watershed	Impervious (acres)	Pervious (acres)	Total (acres)
Accotink Creek	3,336.4	6694.6	10,031.0
Belle Haven	89.9	177.2	267.1
Bull Neck Run	49.8	234.5	284.3

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Local Watershed	Impervious (acres)	Pervious (acres)	Total (acres)
Bull Run	4.5	20.7	25.2
Cameron Run	2,288.3	5,336.4	7,624.7
Cub Run	2,519.3	5,048.4	7,567.7
Dead Run	250.6	590.9	841.5
Difficult Run	2,538.1	7,850.5	10,388.6
Dogue Creek	908.2	2,365.7	3,273.9
Four Mile Run	156.5	245.1	401.6
Horsepen Creek	702.7	1,580.5	2,283.2
Johnny Moore Creek	12.4	124.8	137.2
Kane Creek	3.6	11.5	15.0
Little Hunting Creek	694.2	1,690.3	2,384.4
Little Rocky Run	543.6	1,380.9	1,924.6
Mill Branch	153.4	440.1	593.6
Nichol Run	36.9	305.1	342.0
Occoquan	10.7	60.7	71.4
Old Mill Run	0.0	0.0	0.0
Pimmit Run	684.3	1,829.1	2,513.5
Pohick Creek	2269.3	6,032.4	8,301.7
Pond Branch	50.9	367.0	417.9
Popes Head Creek	173.2	872.6	1,045.8
Ryans Dam	0.6	2.1	2.7
Sandy Run	16.5	108.5	124.9
Scotts Run	357.5	657.9	1015.4
Sugarland Run	615.9	1,639.8	2,255.71
Turkey Run	25.7	82.4	108.2
Wolf Run	9.0	62.0	71.0

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Number of Impervious, Pervious and Total Acres Treated by Stormwater Controls in Fairfax County as of June 30, 2009 (Regulated Area is within the Fairfax County MS4, Unregulated is outside of the Fairfax County MS4)

Regulated Area Treated			Unregulated Area Treated			Total (Regulated & Unregulated acres)
Impervious (acres)	Pervious (acres)	Total (acres)	Impervious (acres)	Pervious (acres)	Total (acres)	
4,917.6	6,496.2	11,413.8	5,746.1	7,736.6	13,482.7	24,896.5

Number of Impervious, Pervious and Total Acres Treated by Stormwater Controls in Fairfax County as of June 30, 2009, by Chesapeake Bay Segment (Regulated Area is within the Fairfax County MS4, Unregulated is outside of the Fairfax County MS4)

Chesapeake Bay Segment	Regulated Area Treated			Unregulated Area Treated			Total (Reg & Unreg acres)
	Impervious (acres)	Pervious (acres)	Combined (acres)	Impervious (acres)	Pervious (acres)	Total (acres)	
POTTF_DC	24.2	26.3	50.5	24.2	29.6	53.8	104.3
POTTF_MD	1,194.1	2,000.0	3,194.1	1,970.2	2,767.2	4,737.5	7,931.6
POTTF_VA	3,699.3	4,469.9	8,169.1	3,751.7	4,939.8	8,691.5	16,860.6

Number of Impervious, Pervious and Total Acres Treated by Stormwater Controls in Fairfax County as of June 30, 2009, by sixth order Hydrologic Unit Code (HUC) (Regulated Area is within the Fairfax County MS4, Unregulated is outside of the Fairfax County MS4)

VAHU6	Regulated Area Treated			Unregulated Area Treated			Total (Reg & Unreg acres)
	Impervious (acres)	Pervious (acres)	Total (acres)	Impervious (acres)	Pervious (acres)	Total (acres)	
PL18	268.4	503.3	771.6	518.4	709.7	1,228.1	1,999.7
PL21	183.0	174.2	357.2	323.1	291.6	614.7	971.9
PL22	668.9	1,099.4	1,768.3	1,071.1	1,573.5	2,644.6	4,412.9
PL23	75.4	221.6	297.0	56.9	181.5	238.4	535.3
PL24	24.2	26.3	50.5	26.5	39.4	65.9	116.3
PL25	43.6	12.4	56.0	4.7	3.6	8.3	64.4
PL26	269.9	176.1	446.0	479.4	292.5	772.0	1,218.0
PL27	176.2	242.4	418.7	112.3	181.5	293.8	712.5
PL28	53.1	94.5	147.5	11.8	18.9	30.7	178.2
PL29	197.9	352.8	550.7	154.7	418.3	573.0	1,123.7
PL30	573.4	452.0	1,025.4	348.7	360.4	709.1	1,734.5
PL44	1.0	10.5	11.5	7.1	35.8	42.9	54.4
PL45	1,739.8	1,916.8	3,656.6	1,948.5	1,885.0	3,833.5	7,490.1

VAHU6	Regulated Area Treated			Unregulated Area Treated			Total (Reg & Unreg acres)
	Impervious (acres)	Pervious (acres)	Total (acres)	Impervious (acres)	Pervious (acres)	Total (acres)	
PL46	586.0	1,049.8	1,635.8	520.4	1,404.9	1,925.3	3,561.1
PL47	4.1	15.3	19.4	35.3	115.9	151.1	170.6
PL48	52.9	148.8	201.6	127.3	224.3	351.5	553.1

Number of Impervious, Pervious and Total Acres Treated by Stormwater Controls in Fairfax County as of June 30, 2009, by Local Watershed (Regulated Area is within the Fairfax County MS4, Unregulated is outside of the Fairfax County MS4)

Local Watershed	Regulated Area Treated			Unregulated Area Treated			Total (Reg & Unreg acres)
	Impervious (acres)	Pervious (acres)	Total (acres)	Impervious (acres)	Pervious (acres)	Total (acres)	
Accotink Creek	574.1	452.2	1,026.4	352.9	361.5	714.4	1,740.8
Belle Haven	13.2	28.5	41.7	9.9	4.9	14.8	56.5
Bull Neck Run	2.4	7.2	9.6	0.5	1.7	2.2	11.8
Bull Run	1.0	10.5	11.5	7.1	35.8	42.9	54.4
Cameron Run	268.1	175.4	443.5	465.9	288.0	753.9	1,197.4
Cub Run	1,783.9	2,019.0	3,802.9	1,986.9	1,988.8	3,975.7	7,778.6
Dead Run	21.4	37.2	58.5	13.9	35.7	49.6	108.1
Difficult Run	666.7	1,091.2	1,757.8	1,069.8	1,569.4	2,639.3	4,397.1
Dogue Creek	176.7	242.5	419.2	100.7	167.0	267.7	686.9
Four Mile Run	43.6	12.4	56.0	4.7	3.6	8.3	64.4
Horsepen Creek	266.1	500.3	766.4	518.0	709.3	1,227.3	1,993.7
Johnny Moore Creek	1.7	19.3	21.0	17.1	131.5	148.6	169.6
Kane Creek	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Little Hunting Creek	40.5	66.3	106.8	22.7	31.9	54.6	161.4
Little Rocky Run	455.7	752.2	1,207.9	299.7	715.4	1,015.0	2,223.0
Mill Branch	52.6	146.5	199.1	127.1	223.3	350.4	549.5
Nichol Run	0.5	5.0	5.6	1.8	16.4	18.1	23.7
Occoquan	0.3	2.2	2.5	0.1	1.0	1.1	3.6
Old Mill Branch	0.0	0.0	0.0	1.6	6.7	8.3	8.3
Pimmit Run	22.6	26.2	48.8	26.5	39.4	65.8	114.6
Pohick Creek	197.9	352.8	550.7	156.1	419.6	575.7	1,126.4

