

Fairfax County 2023 MS4 Program Plan and Annual Report

Appendix P11

List of the number of impervious, pervious and total acres served by the MS4 for each Fairfax County local watershed, sixth order HUC and Chesapeake Bay segment, as well as the number of impervious, pervious and total acres treated by stormwater controls.

VSMP Permit Number VA0088587
9-29-2023

Fairfax County 2023 MS4 Program Plan and Annual Report
Appendix P11

A list of the number of impervious, pervious and total acres served by the MS4 for each Fairfax County local watershed, sixth order HUC and Chesapeake Bay segment, as well as the number of impervious, pervious and total acres treated by stormwater controls can be found in the tables below.

Area Served by the MS4 as of March 31, 2019

Table 1. Local Watershed (acres)

| Watershed | Impervious | Pervious | Total |
|----------------------|------------|----------|----------|
| Accotink Creek | 3,491.0 | 6,927.8 | 10,418.7 |
| Belle Haven | 172.6 | 375.7 | 548.2 |
| Bull Neck Run | 72.0 | 307.3 | 379.3 |
| Bull Run | 4.5 | 20.7 | 25.2 |
| Cameron Run | 2,303.8 | 5,844.5 | 8,148.2 |
| Cub Run | 2,963.0 | 5,607.4 | 8,570.4 |
| Dead Run | 256.5 | 600.5 | 857.0 |
| Difficult Run | 2,722.0 | 8,430.0 | 11,152.0 |
| Dogue Creek | 984.7 | 2,512.6 | 3,497.4 |
| Four Mile Run | 336.2 | 338.8 | 675.0 |
| Horsepen Creek | 754.2 | 1,614.8 | 2,369.0 |
| Johnny Moore Creek | 26.7 | 225.9 | 252.6 |
| Kane Creek | 3.6 | 11.4 | 15.0 |
| Little Hunting Creek | 779.3 | 1,955.8 | 2,735.0 |
| Little Rocky Run | 591.0 | 1,508.7 | 2,099.7 |
| Mill Branch | 220.8 | 604.4 | 825.2 |
| Nichol Run | 42.5 | 341.0 | 383.5 |
| Occoquan | 21.4 | 119.7 | 141.0 |
| Pimmit Run | 755.4 | 2,002.1 | 2,757.4 |
| Pohick Creek | 2,316.6 | 6,068.3 | 8,385.0 |
| Pond Branch | 49.1 | 347.7 | 396.7 |
| Popes Head Creek | 194.3 | 948.0 | 1,142.3 |
| Sandy Run | 18.0 | 113.9 | 131.9 |
| Scotts Run | 482.4 | 737.2 | 1,219.6 |
| Sugarland Run | 654.0 | 1,729.8 | 2,383.9 |
| Turkey Run | 39.7 | 119.3 | 159.0 |
| Wolf Run | 10.0 | 66.5 | 76.5 |

Fairfax County 2023 MS4 Program Plan and Annual Report
Appendix P11

Table 2. Sixth Order Hydrologic Unit Code (HUC) (acres)

| VAHU6 | Impervious | Pervious | Total |
|-------|------------|----------|----------|
| PL18 | 776.0 | 1,661.7 | 2,437.7 |
| PL21 | 647.6 | 1,697.7 | 2,345.3 |
| PL22 | 2,738.0 | 8,441.8 | 11,179.8 |
| PL23 | 945.1 | 2,459.8 | 3,404.8 |
| PL24 | 752.6 | 1,995.2 | 2,747.8 |
| PL25 | 336.2 | 338.8 | 675.0 |
| PL26 | 2,383.5 | 5,964.7 | 8,348.2 |
| PL27 | 983.8 | 2,520.5 | 3,504.3 |
| PL28 | 873.4 | 2,210.2 | 3,083.6 |
| PL29 | 2,322.0 | 6,075.7 | 8,397.7 |
| PL30 | 3,474.6 | 6,909.0 | 10,383.6 |
| PL44 | 4.5 | 20.7 | 25.2 |
| PL45 | 2,873.5 | 5,401.5 | 8,275.0 |
| PL46 | 881.2 | 2,868.2 | 3,749.4 |
| PL47 | 28.0 | 180.4 | 208.4 |
| PL48 | 245.3 | 733.6 | 978.9 |

Table 3. Chesapeake Bay Segment (acres)

| Chesapeake Bay Segment | Impervious | Pervious | Total |
|------------------------|------------|----------|----------|
| POTTF_DC | 747.4 | 1,975.2 | 2,722.6 |
| POTTF_MD | 5,149.0 | 14,390.4 | 19,535.9 |
| POTTF_VA | 14,369.8 | 33,116.4 | 47,486.2 |

Table 4. Countywide (acres)

| Impervious | Pervious | Total |
|------------|----------|----------|
| 20,265.3 | 49,479.5 | 69,744.8 |

Fairfax County 2023 MS4 Program Plan and Annual Report
Appendix P11

Area Treated by Stormwater Controls as of March 31, 2019

Table 5. Countywide (acres)

| Impervious | Pervious | Total |
|-------------------|-----------------|--------------|
| 12,651.3 | 17,018.7 | 29,670.0 |