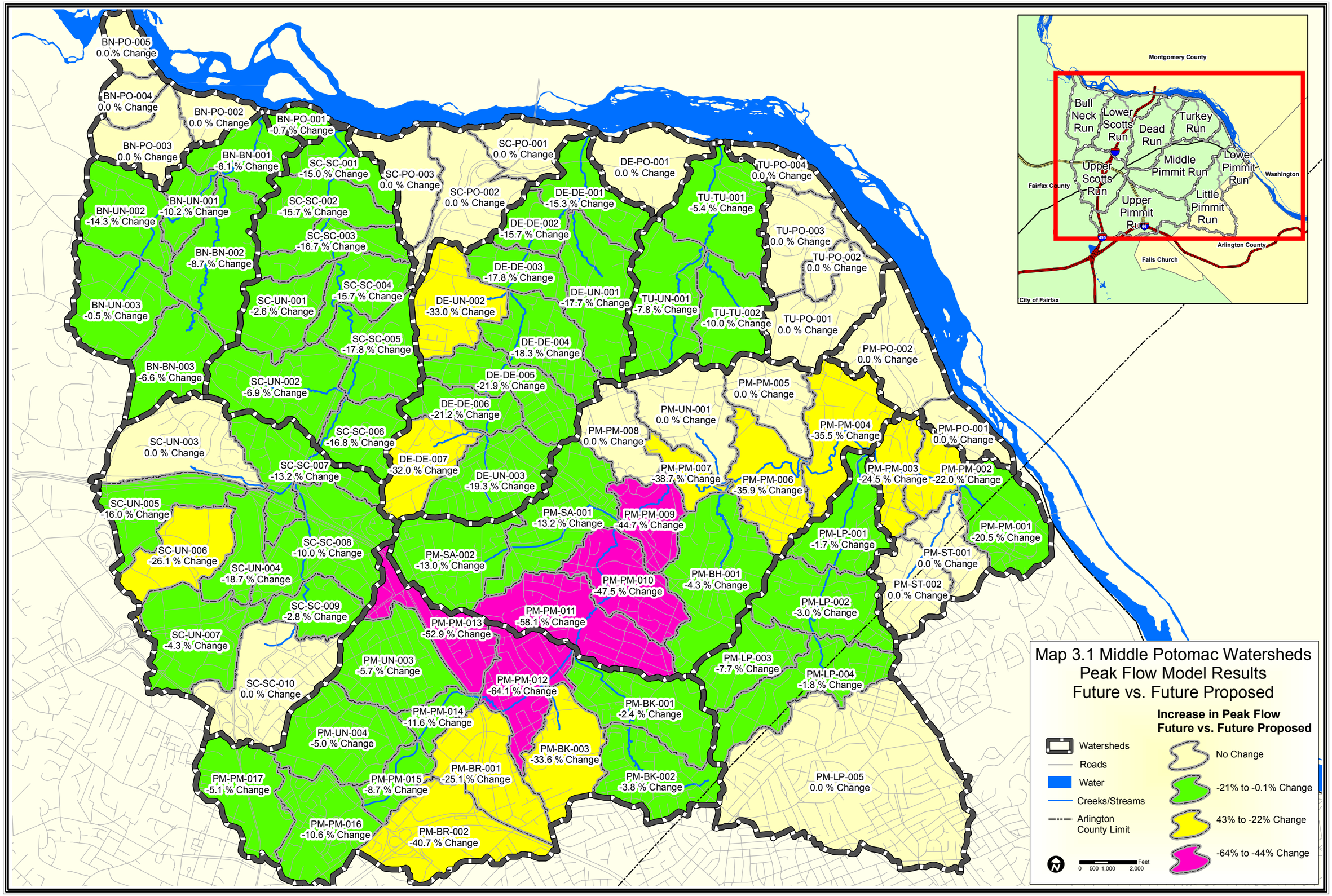
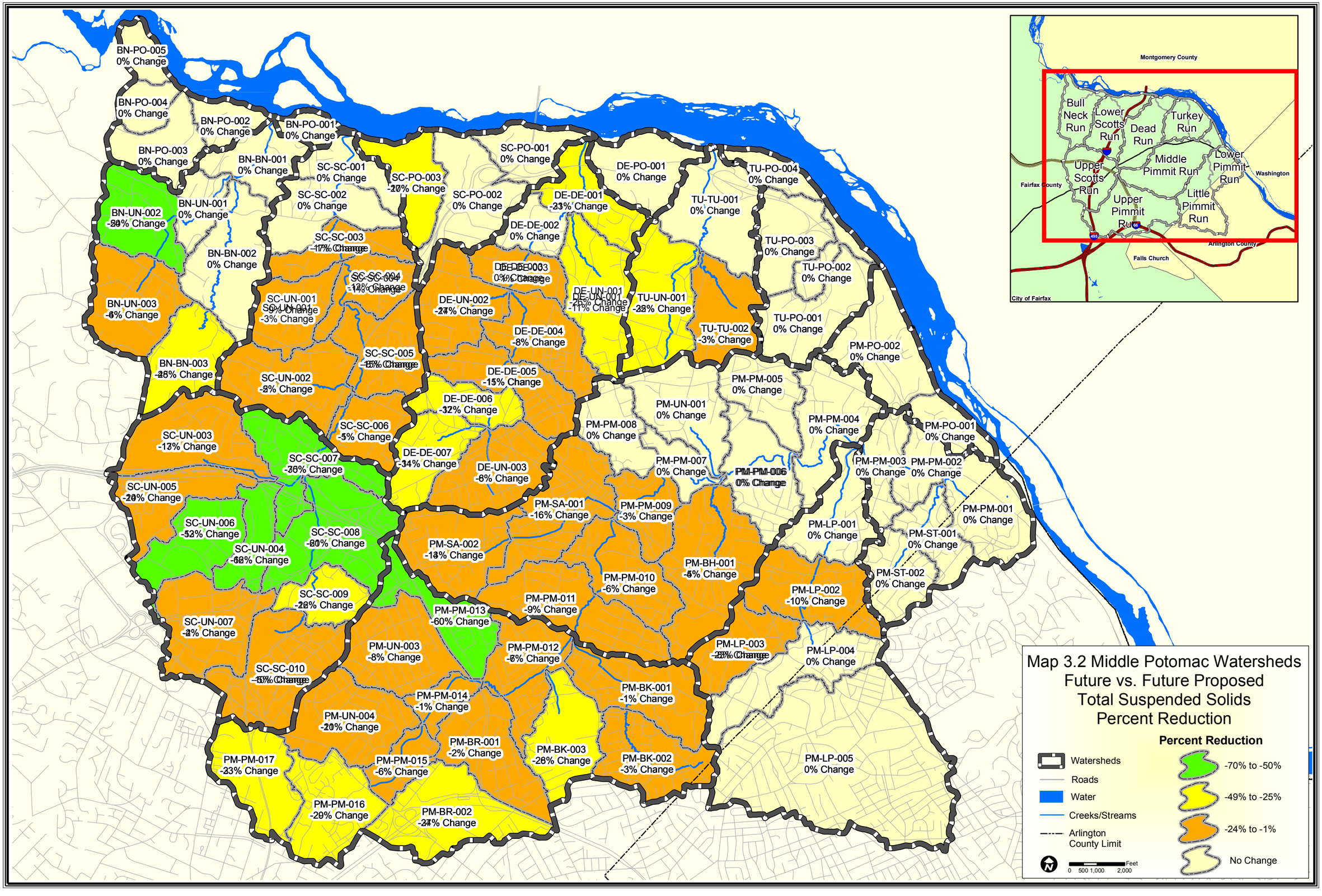
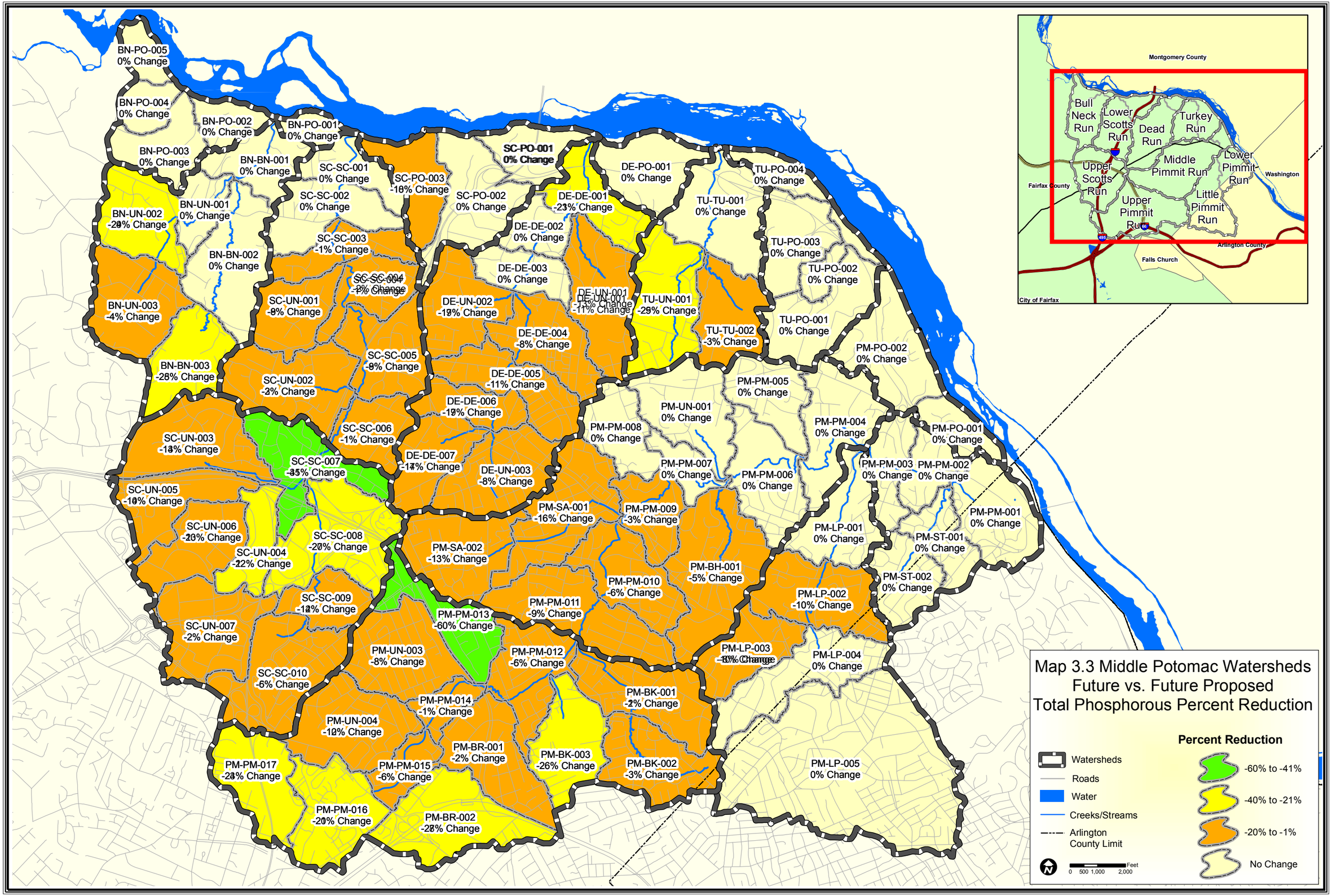
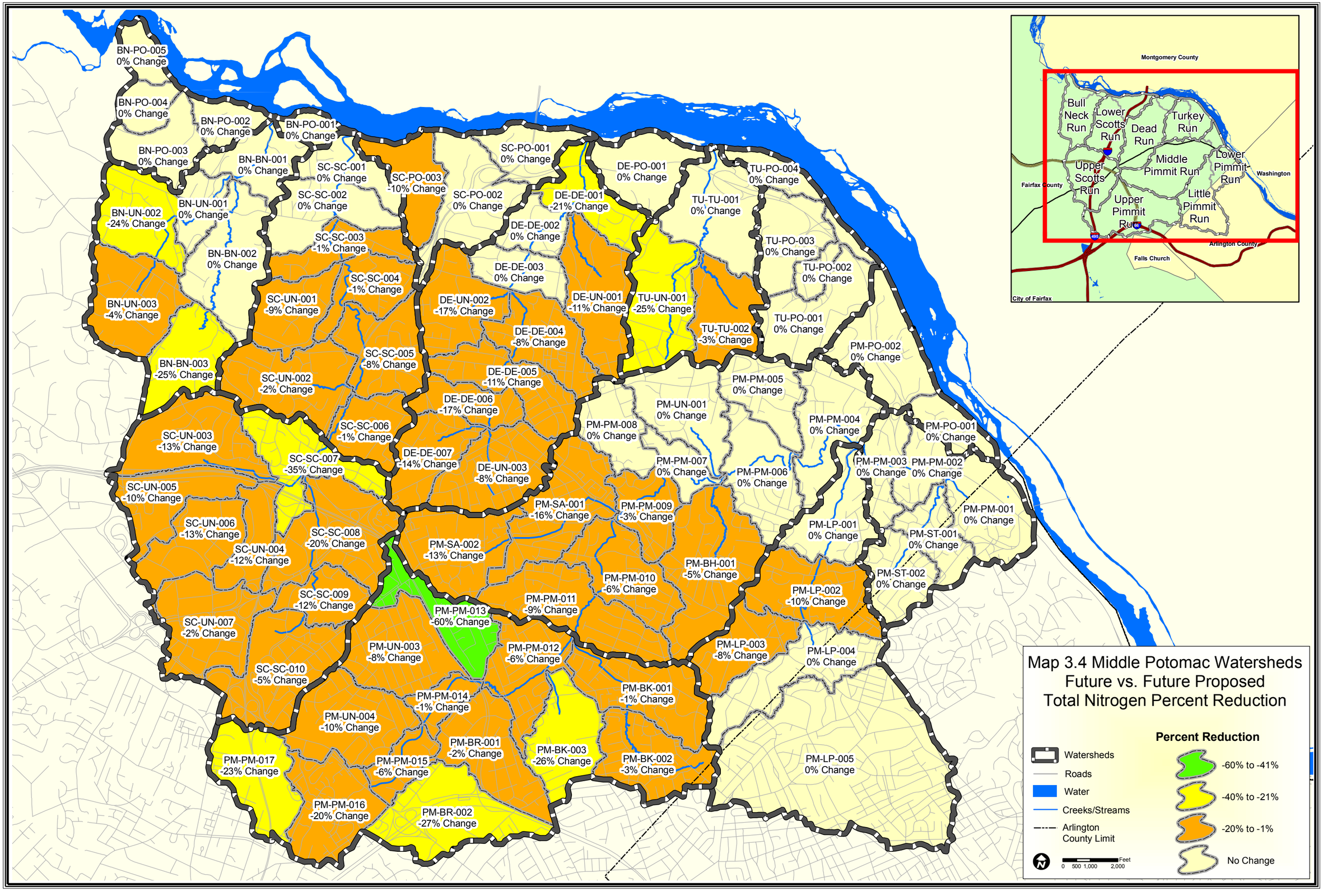
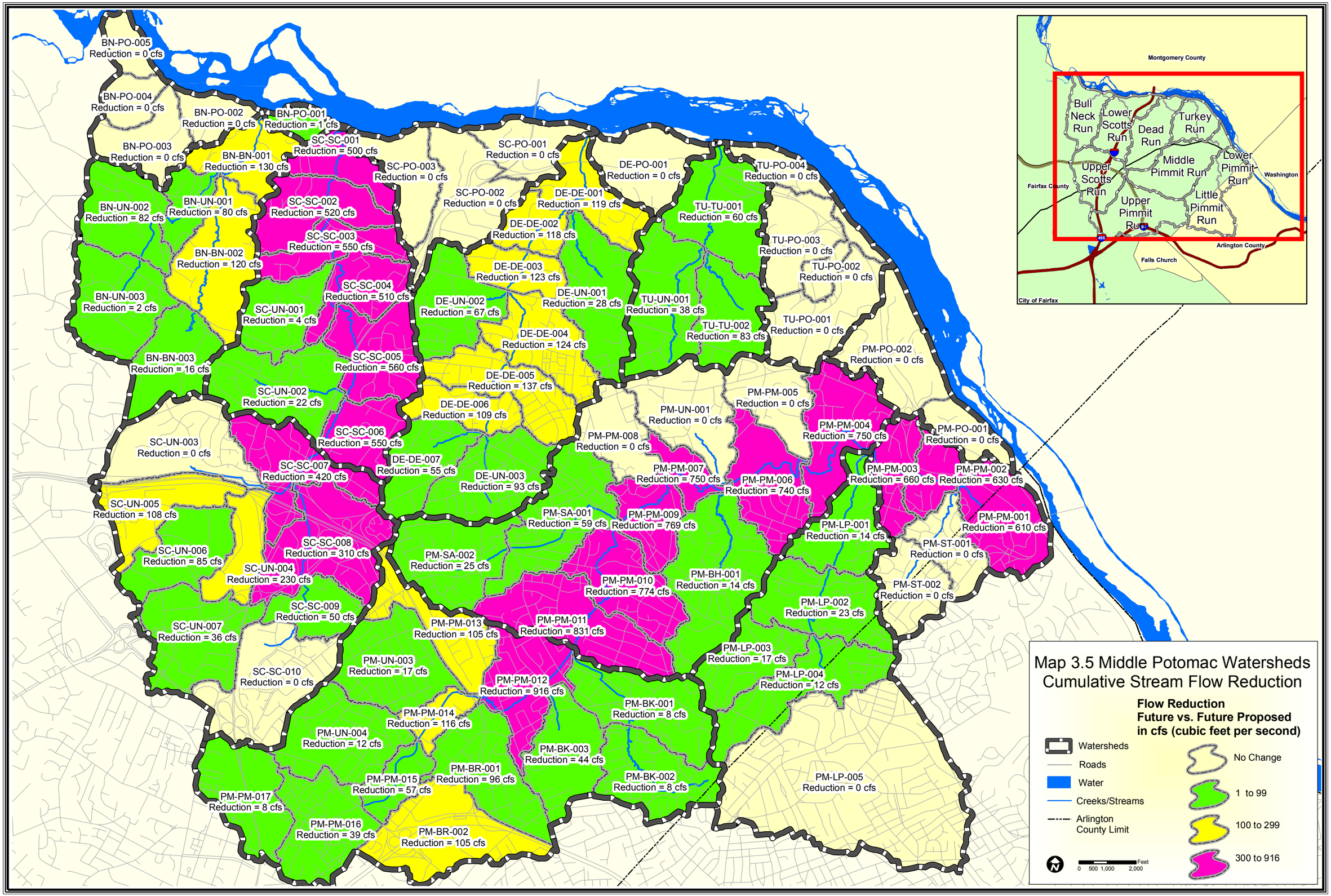

Map 3.1 Middle Potomac Watersheds
Peak Flow Model Results
Future vs. Future Proposed
Increase in Peak Flow
Future vs. Future Proposed
Watersheds
Roads
Water
Creeks/Streams
Arlington County Limit
No Change
-21% to -0.1% Change
43% to -22% Change
-64% to -44% Change
Feet
0 500 1,000 2,000
BN-PO-005 0.0 % Change
BN-PO-004 0.0 % Change
BN-PO-002 0.0 % Change
BN-PO-001 -0.7 % Change
BN-PO-003 0.0 % Change
BN-BN-001 -8.1 % Change
SC-SC-001 -15.0 % Change
SC-PO-003 0.0 % Change
SC-PO-001 0.0 % Change
DE-PO-001 0.0 % Change
TU-PO-004 0.0 % Change
BN-UN-002 -14.3 % Change
BN-UN-001 -10.2 % Change
SC-SC-002 -15.7 % Change
SC-PO-002 0.0 % Change
DE-DE-001 -15.3 % Change
TU-TU-001 -5.4 % Change
DE-DE-002 -15.7 % Change
SC-SC-003 -16.7 % Change
TU-PO-003 0.0 % Change
BN-BN-002 -8.7 % Change
TU-PO-002 0.0 % Change
DE-DE-003 -17.8 % Change
SC-SC-004 -15.7 % Change
DE-UN-001 -17.7 % Change
TU-UN-001 -7.8 % Change
BN-UN-003 -0.5 % Change
SC-UN-001 -2.6 % Change
DE-UN-002 -33.0 % Change
TU-TU-002 -10.0 % Change
TU-PO-001 0.0 % Change
SC-SC-005 -17.8 % Change
DE-DE-004 -18.3 % Change
PM-PO-002 0.0 % Change
BN-BN-003 -6.6 % Change
SC-UN-002 -6.9 % Change
DE-DE-005 -21.9 % Change
PM-PM-005 0.0 % Change
DE-DE-006 -21.2 % Change
PM-UN-001 0.0 % Change
SC-SC-006 -16.8 % Change
PM-PM-008 0.0 % Change
PM-PM-004 -35.5 % Change
PM-PO-001 0.0 % Change
SC-UN-003 0.0 % Change
DE-DE-007 -32.0 % Change
SC-SC-007 -13.2 % Change
DE-UN-003 -19.3 % Change
PM-PM-007 -38.7 % Change
PM-PM-006 -35.9 % Change
PM-PM-003 -24.5 % Change
PM-PM-002 -22.0 % Change
SC-UN-005 -16.0 % Change
PM-SA-001 -13.2 % Change
PM-PM-009 -44.7 % Change
PM-LP-001 -1.7 % Change
PM-PM-001 -20.5 % Change
SC-UN-006 -26.1 % Change
SC-SC-008 -10.0 % Change
PM-SA-002 -13.0 % Change
PM-ST-001 0.0 % Change
SC-UN-004 -18.7 % Change
PM-PM-010 -47.5 % Change
PM-BH-001 -4.3 % Change
PM-ST-002 0.0 % Change
SC-SC-009 -2.8 % Change
PM-PM-011 -58.1 % Change
PM-LP-002 -3.0 % Change
PM-PM-013 -52.9 % Change
SC-UN-007 -4.3 % Change
PM-UN-003 -5.7 % Change
PM-LP-003 -7.7 % Change
PM-LP-004 -1.8 % Change
SC-SC-010 0.0 % Change
PM-PM-012 -64.1 % Change
PM-BK-001 -2.4 % Change
PM-PM-014 -11.6 % Change
PM-UN-004 -5.0 % Change
PM-BK-003 -33.6 % Change
PM-BR-001 -25.1 % Change
PM-PM-017 -5.1 % Change
PM-PM-015 -8.7 % Change
PM-BK-002 -3.8 % Change
PM-LP-005 0.0 % Change
PM-PM-016 -10.6 % Change
PM-BR-002 -40.7 % Change
Montgomery County
Bull Neck Run
Lower Scotts Run
Dead Run
Turkey Run
Upper Scotts Run
Middle Pimmit Run
Lower Pimmit Run
Fairfax County
Washington
Upper Pimmit Run
Little Pimmit Run
Arlington County
Falls Church
City of Fairfax


Map 3.2 Middle Potomac Watersheds
Future vs. Future Proposed
Total Suspended Solids
Percent Reduction
Percent Reduction
Watersheds
Roads
Water
Creeks/Streams
Arlington County Limit
-70% to -50%
-49% to -25%
-24% to -1%
No Change
0 500 1,000 2,000 Feet
BN-PO-005 0% Change
BN-PO-004 0% Change
BN-PO-002 0% Change
BN-PO-001 0% Change
BN-PO-003 0% Change
BN-BN-001 0% Change
SC-SC-001 0% Change
SC-PO-003 -27% Change
SC-PO-001 0% Change
DE-PO-001 0% Change
TU-PO-004 0% Change
BN-UN-002 -30% Change
BN-UN-001 0% Change
SC-SC-002 0% Change
SC-PO-002 0% Change
DE-DE-001 -23% Change
TU-TU-001 0% Change
DE-DE-002 0% Change
SC-SC-003 -17% Change
TU-PO-003 0% Change
BN-BN-002 0% Change
SC-SC-004 -12% Change
DE-DE-003 0% Change
TU-PO-002 0% Change
BN-UN-003 -6% Change
SC-UN-001 -3% Change
DE-UN-002 -27% Change
DE-UN-001 -26% Change
TU-UN-001 -22% Change
TU-TU-002 -3% Change
TU-PO-001 0% Change
DE-DE-004 -8% Change
PM-PO-002 0% Change
BN-BN-003 -28% Change
SC-SC-005 -15% Change
SC-UN-002 -2% Change
DE-DE-005 -15% Change
PM-PM-005 0% Change
DE-DE-006 -32% Change
PM-UN-001 0% Change
SC-SC-006 -5% Change
PM-PM-008 0% Change
PM-PM-004 0% Change
PM-PO-001 0% Change
SC-UN-003 -13% Change
SC-SC-007 -36% Change
DE-DE-007 -34% Change
DE-UN-003 -6% Change
PM-PM-007 0% Change
PM-PM-006 0% Change
PM-PM-003 0% Change
PM-PM-002 0% Change
SC-UN-005 -20% Change
PM-SA-001 -16% Change
PM-PM-009 -3% Change
PM-PM-001 0% Change
SC-UN-006 -52% Change
SC-SC-008 -20% Change
PM-LP-001 0% Change
PM-ST-001 0% Change
SC-UN-004 -62% Change
PM-SA-002 -13% Change
PM-BH-001 -5% Change
PM-ST-002 0% Change
PM-PM-010 -6% Change
PM-LP-002 -10% Change
SC-SC-009 -22% Change
PM-PM-011 -9% Change
PM-PM-013 -60% Change
SC-UN-007 -2% Change
PM-UN-003 -8% Change
PM-PM-012 -6% Change
PM-LP-003 -23% Change
PM-LP-004 0% Change
SC-SC-010 -10% Change
PM-PM-014 -1% Change
PM-BK-001 -1% Change
PM-UN-004 -20% Change
PM-BR-001 -2% Change
PM-BK-003 -28% Change
PM-BK-002 -3% Change
PM-LP-005 0% Change
PM-PM-017 -23% Change
PM-PM-015 -6% Change
PM-PM-016 -29% Change
PM-BR-002 -27% Change
Montgomery County
Bull Neck Run
Lower Scotts Run
Dead Run
Turkey Run
Upper Scotts Run
Middle Pimmit Run
Lower Pimmit Run
Fairfax County
Washington
Upper Pimmit Run
Little Pimmit Run
Arlington County
Falls Church
City of Fairfax


Map 3.3 Middle Potomac Watersheds
Future vs. Future Proposed
Total Phosphorous Percent Reduction
Percent Reduction
Watersheds
Roads
Water
Creeks/Streams
Arlington County Limit
-60% to -41%
-40% to -21%
-20% to -1%
No Change
0 500 1,000 2,000 Feet
Montgomery County
Fairfax County
Washington
Arlington County
Falls Church
City of Fairfax
Bull Neck Run
Lower Scotts Run
Dead Run
Turkey Run
Upper Scotts Run
Middle Pimmit Run
Lower Pimmit Run
Upper Pimmit Run
Little Pimmit Run
BN-PO-005 0% Change
BN-PO-004 0% Change
BN-PO-002 0% Change
BN-PO-001 0% Change
BN-PO-003 0% Change
BN-BN-001 0% Change
SC-SC-001 0% Change
SC-PO-003 -10% Change
SC-PO-001 0% Change
DE-PO-001 0% Change
TU-PO-004 0% Change
BN-UN-002 -20% Change
BN-UN-001 0% Change
SC-SC-002 0% Change
SC-PO-002 0% Change
DE-DE-001 -23% Change
TU-TU-001 0% Change
DE-DE-002 0% Change
SC-SC-003 -1% Change
BN-BN-002 0% Change
TU-PO-003 0% Change
TU-PO-002 0% Change
DE-DE-003 0% Change
SC-SC-004 -2% Change
BN-UN-003 -4% Change
SC-UN-001 -8% Change
DE-UN-002 -19% Change
DE-UN-001 -13% Change
TU-UN-001 -29% Change
TU-TU-002 -3% Change
TU-PO-001 0% Change
DE-DE-004 -8% Change
PM-PO-002 0% Change
BN-BN-003 -28% Change
SC-SC-005 -9% Change
SC-UN-002 -2% Change
DE-DE-005 -11% Change
PM-PM-005 0% Change
DE-DE-006 -19% Change
PM-UN-001 0% Change
PM-PM-004 0% Change
PM-PO-001 0% Change
SC-SC-006 -1% Change
PM-PM-008 0% Change
SC-UN-003 -13% Change
SC-SC-007 -35% Change
DE-DE-007 -17% Change
DE-UN-003 -8% Change
PM-PM-007 0% Change
PM-PM-006 0% Change
PM-PM-003 0% Change
PM-PM-002 0% Change
SC-UN-005 -10% Change
PM-SA-001 -16% Change
PM-PM-009 -3% Change
PM-PM-001 0% Change
SC-UN-006 -20% Change
SC-SC-008 -20% Change
PM-LP-001 0% Change
PM-ST-001 0% Change
SC-UN-004 -22% Change
PM-SA-002 -13% Change
PM-BH-001 -5% Change
PM-ST-002 0% Change
PM-PM-010 -6% Change
SC-SC-009 -12% Change
PM-PM-011 -9% Change
PM-LP-002 -10% Change
PM-PM-013 -60% Change
SC-UN-007 -2% Change
PM-UN-003 -8% Change
PM-PM-012 -6% Change
PM-LP-003 -8% Change
PM-LP-004 0% Change
SC-SC-010 -6% Change
PM-PM-014 -1% Change
PM-BK-001 -2% Change
PM-UN-004 -10% Change
PM-BR-001 -2% Change
PM-BK-003 -26% Change
PM-BK-002 -3% Change
PM-LP-005 0% Change
PM-PM-017 -23% Change
PM-PM-015 -6% Change
PM-PM-016 -20% Change
PM-BR-002 -28% Change


Map 3.4 Middle Potomac Watersheds
Future vs. Future Proposed
Total Nitrogen Percent Reduction
Percent Reduction
Watersheds
Roads
Water
Creeks/Streams
Arlington County Limit
-60% to -41%
-40% to -21%
-20% to -1%
No Change
0 500 1,000 2,000 Feet
BN-PO-005 0% Change
BN-PO-004 0% Change
BN-PO-002 0% Change
BN-PO-001 0% Change
BN-PO-003 0% Change
BN-BN-001 0% Change
SC-SC-001 0% Change
SC-PO-003 -10% Change
SC-PO-001 0% Change
DE-PO-001 0% Change
TU-PO-004 0% Change
BN-UN-002 -24% Change
BN-UN-001 0% Change
SC-SC-002 0% Change
SC-PO-002 0% Change
DE-DE-001 -21% Change
TU-TU-001 0% Change
DE-DE-002 0% Change
SC-SC-003 -1% Change
BN-BN-002 0% Change
TU-PO-003 0% Change
TU-PO-002 0% Change
DE-DE-003 0% Change
SC-SC-004 -1% Change
BN-UN-003 -4% Change
SC-UN-001 -9% Change
DE-UN-002 -17% Change
DE-UN-001 -11% Change
TU-UN-001 -25% Change
TU-TU-002 -3% Change
TU-PO-001 0% Change
DE-DE-004 -8% Change
PM-PO-002 0% Change
SC-SC-005 -8% Change
BN-BN-003 -25% Change
SC-UN-002 -2% Change
DE-DE-005 -11% Change
PM-PM-005 0% Change
DE-DE-006 -17% Change
PM-UN-001 0% Change
PM-PM-004 0% Change
PM-PO-001 0% Change
SC-SC-006 -1% Change
PM-PM-008 0% Change
SC-UN-003 -13% Change
SC-SC-007 -35% Change
DE-DE-007 -14% Change
DE-UN-003 -8% Change
PM-PM-007 0% Change
PM-PM-006 0% Change
PM-PM-003 0% Change
PM-PM-002 0% Change
SC-UN-005 -10% Change
PM-SA-001 -16% Change
PM-PM-009 -3% Change
PM-PM-001 0% Change
SC-UN-006 -13% Change
SC-SC-008 -20% Change
PM-LP-001 0% Change
PM-ST-001 0% Change
SC-UN-004 -12% Change
PM-SA-002 -13% Change
PM-BH-001 -5% Change
PM-ST-002 0% Change
PM-PM-010 -6% Change
SC-SC-009 -12% Change
PM-PM-011 -9% Change
PM-LP-002 -10% Change
PM-PM-013 -60% Change
SC-UN-007 -2% Change
PM-UN-003 -8% Change
PM-PM-012 -6% Change
PM-LP-003 -8% Change
PM-LP-004 0% Change
SC-SC-010 -5% Change
PM-PM-014 -1% Change
PM-BK-001 -1% Change
PM-UN-004 -10% Change
PM-BR-001 -2% Change
PM-BK-003 -26% Change
PM-PM-017 -23% Change
PM-PM-015 -6% Change
PM-BK-002 -3% Change
PM-LP-005 0% Change
PM-PM-016 -20% Change
PM-BR-002 -27% Change
Montgomery County
Bull Neck Run
Lower Scotts Run
Dead Run
Turkey Run
Middle Pimmit Run
Lower Pimmit Run
Upper Scotts Run
Fairfax County
Washington
Little Pimmit Run
Upper Pimmit Run
Arlington County
Falls Church
City of Fairfax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Reduction = 0 cfs
BN-PO-004
Reduction = 0 cfs
BN-PO-002
Reduction = 0 cfs
BN-PO-001
Reduction = 1 cfs
BN-PO-003
Reduction = 0 cfs
BN-BN-001
Reduction = 130 cfs
SC-SC-001
Reduction = 500 cfs
SC-PO-003
Reduction = 0 cfs
SC-PO-001
Reduction = 0 cfs
DE-PO-001
Reduction = 0 cfs
TU-PO-004
Reduction = 0 cfs
BN-UN-002
Reduction = 82 cfs
BN-UN-001
Reduction = 80 cfs
SC-SC-002
Reduction = 520 cfs
SC-PO-002
Reduction = 0 cfs
DE-DE-001
Reduction = 119 cfs
TU-TU-001
Reduction = 60 cfs
SC-SC-003
Reduction = 550 cfs
DE-DE-002
Reduction = 118 cfs
TU-PO-003
Reduction = 0 cfs
BN-BN-002
Reduction = 120 cfs
DE-DE-003
Reduction = 123 cfs
TU-PO-002
Reduction = 0 cfs
SC-SC-004
Reduction = 510 cfs
BN-UN-003
Reduction = 2 cfs
DE-UN-001
Reduction = 28 cfs
TU-UN-001
Reduction = 38 cfs
SC-UN-001
Reduction = 4 cfs
DE-UN-002
Reduction = 67 cfs
TU-TU-002
Reduction = 83 cfs
TU-PO-001
Reduction = 0 cfs
DE-DE-004
Reduction = 124 cfs
PM-PO-002
Reduction = 0 cfs
BN-BN-003
Reduction = 16 cfs
SC-SC-005
Reduction = 560 cfs
DE-DE-005
Reduction = 137 cfs
SC-UN-002
Reduction = 22 cfs
PM-PM-005
Reduction = 0 cfs
DE-DE-006
Reduction = 109 cfs
PM-UN-001
Reduction = 0 cfs
PM-PM-004
Reduction = 750 cfs
PM-PO-001
Reduction = 0 cfs
SC-UN-003
Reduction = 0 cfs
SC-SC-006
Reduction = 550 cfs
PM-PM-008
Reduction = 0 cfs
DE-DE-007
Reduction = 55 cfs
SC-SC-007
Reduction = 420 cfs
PM-PM-007
Reduction = 750 cfs
PM-PM-003
Reduction = 660 cfs
PM-PM-002
Reduction = 630 cfs
DE-UN-003
Reduction = 93 cfs
PM-PM-006
Reduction = 740 cfs
SC-UN-005
Reduction = 108 cfs
PM-SA-001
Reduction = 59 cfs
PM-PM-009
Reduction = 769 cfs
PM-PM-001
Reduction = 610 cfs
PM-LP-001
Reduction = 14 cfs
SC-SC-008
Reduction = 310 cfs
PM-ST-001
Reduction = 0 cfs
SC-UN-006
Reduction = 85 cfs
PM-SA-002
Reduction = 25 cfs
SC-UN-004
Reduction = 230 cfs
PM-BH-001
Reduction = 14 cfs
PM-PM-010
Reduction = 774 cfs
PM-ST-002
Reduction = 0 cfs
SC-SC-009
Reduction = 50 cfs
PM-LP-002
Reduction = 23 cfs
SC-UN-007
Reduction = 36 cfs
PM-PM-013
Reduction = 105 cfs
PM-PM-011
Reduction = 831 cfs
PM-LP-003
Reduction = 17 cfs
PM-UN-003
Reduction = 17 cfs
SC-SC-010
Reduction = 0 cfs
PM-LP-004
Reduction = 12 cfs
PM-PM-012
Reduction = 916 cfs
PM-BK-001
Reduction = 8 cfs
PM-PM-014
Reduction = 116 cfs
PM-UN-004
Reduction = 12 cfs
PM-BK-003
Reduction = 44 cfs
PM-BR-001
Reduction = 96 cfs
PM-PM-015
Reduction = 57 cfs
PM-BK-002
Reduction = 8 cfs
PM-LP-005
Reduction = 0 cfs
PM-PM-017
Reduction = 8 cfs
PM-PM-016
Reduction = 39 cfs
PM-BR-002
Reduction = 105 cfs
Montgomery County
Bull Neck Run
Lower Scotts Run
Dead Run
Turkey Run
Upper Scotts Run
Middle Pimmit Run
Lower Pimmit Run
Washington
Fairfax County
Little Pimmit Run
Upper Pimmit Run
Arlington County
Falls Church
City of Fairfax
Map 3.5 Middle Potomac Watersheds
Cumulative Stream Flow Reduction
Flow Reduction
Future vs. Future Proposed
in cfs (cubic feet per second)
Watersheds
Roads
Water
Creeks/Streams
Arlington County Limit
No Change
1 to 99
100 to 299
300 to 916
Feet
0 500 1,000 2,000