

Appendix F – List of Projects by Type

Table F.1 below lists the projects in the Middle Potomac Watersheds. They are arranged first by watershed, then alphabetically by project type, then by project number. The two letter watershed codes for the projects are as follows:

- Bull Neck Run – BN
- Scotts Run - SC
- Dead Run – DE
- Turkey Run – TR
- Pimmit Run – PM

Table F.1 includes cost information. Costs shown in the table with asterisks after them are planning level costs; costs shown with no asterisks are priority project costs. All project costs will be estimated or re-estimated prior to project implementation.

Coordination with the land owners will be essential to the successful implementation of the plan actions. Cost-sharing opportunities may be explored for projects where both the land owner and the county will benefit. Projects identified on VDOT property will be coordinated directly with VDOT to determine final schedule and cost sharing.

Table F.1 Middle Potomac Watersheds Projects List

| Project Number | Project Type | Estimated Cost | Watershed Project Ranking | Year Group |
|---------------------|---------------------------------|----------------|---------------------------|------------|
| BN9105 | BMP Retrofit Project | \$80,000 | 1 | A |
| BN9106 ¹ | BMP Retrofit Project | \$340,000 | 5 | B |
| BN9302 ¹ | Buffer Restoration | \$80,000 | 3 | A |
| BN9914 | Community Outreach Project | ** | Not ranked | A* |
| BN9901 ¹ | Dumpsite/Obstruction Removal | \$5,000** | 7 | A |
| BN9918 | Dumpsite/Obstruction Removal | \$5,000** | 7 | A |
| BN9916 | Enforcement Enhancement Project | ** | Not ranked | A* |
| BN9720 | Fecal Coliform Source Study | ** | 9 | E |
| BN9412 ¹ | Infrastructure Improvement | ** | 10 | *** |
| BN9419 ¹ | Infrastructure Improvement | ** | 9 | D |
| BN9915 | LID Promotion Project | ** | Not ranked | A* |
| BN9811 | New LID Project | \$250,000 | 2 | A |
| BN9913 | Public Education Project | ** | Not ranked | A* |
| BN9921 | Stream Assessment Project | ** | Not ranked | A* |
| BN9203 ¹ | Stream Restoration | \$910,000 | 9 | C |
| BN9917 | Wetland Assessment Project | \$100,000** | 6 | C |
| SC9105 ¹ | BMP Retrofit Project | \$60,000 | 56 | C |
| SC9107 ¹ | BMP Retrofit Project | \$70,000 | 56 | C |
| SC9108 ¹ | BMP Retrofit Project | \$60,000 | 45 | C |
| SC9111 ¹ | BMP Retrofit Project | \$90,000 | 53 | C |
| SC9112 ¹ | BMP Retrofit Project | \$40,000 | 53 | C |

| Project Number | Project Type | Estimated Cost | Watershed Project Ranking | Year Group |
|---------------------|--|----------------|---------------------------|------------|
| SC9114 ¹ | BMP Retrofit Project | \$80,000 | 13 | A |
| SC9117 ¹ | BMP Retrofit Project | \$40,000 | 9 | A |
| SC9118 | BMP Retrofit Project | \$30,000 | 20 | B |
| SC9122 ¹ | BMP Retrofit Project | \$40,000 | 49 | C |
| SC9123 ¹ | BMP Retrofit Project | \$50,000 | 39 | C |
| SC9124 ¹ | BMP Retrofit Project | \$130,000 | 13 | B |
| SC9126 ¹ | BMP Retrofit Project | \$70,000 | 6 | A |
| SC9127 ¹ | BMP Retrofit Project | \$170,000 | 34 | C |
| SC9135 ¹ | BMP Retrofit Project | \$140,000 | 35 | B |
| SC9138 ¹ | BMP Retrofit Project | \$590,000 | 13 | B |
| SC9139 ¹ | BMP Retrofit Project | \$180,000 | 20 | B |
| SC9140 ¹ | BMP Retrofit Project | \$130,000 | 41 | B |
| SC9141 ¹ | BMP Retrofit Project | \$100,000 | 17 | A |
| SC9143 ¹ | BMP Retrofit Project | \$210,000 | 35 | B |
| SC9146 ¹ | BMP Retrofit Project | \$120,000 | 44 | C |
| SC9147 ¹ | BMP Retrofit Project | \$40,000 | 3 | *** |
| SC9149 ¹ | BMP Retrofit Project | \$110,000 | 41 | C |
| SC9150 ¹ | BMP Retrofit Project | \$280,000 | 30 | *** |
| SC9154 ¹ | BMP Retrofit Project | \$120,000 | 17 | B |
| SC9155 ¹ | BMP Retrofit Project | \$60,000 | 30 | C |
| SC9156 ¹ | BMP Retrofit Project | \$120,000 | 30 | C |
| SC9165 ¹ | BMP Retrofit Project | \$60,000 | 20 | *** |
| SC9174 ¹ | BMP Retrofit Project | \$80,000 | 38 | C |
| SC9352 ¹ | Buffer Restoration | \$90,000 | 45 | A |
| SC9977 | Community Outreach Project | ** | Not ranked | A* |
| SC9903 ¹ | Dumpsite/Obstruction Removal | \$5,000** | 72 | A |
| SC9979 | Enforcement Enhancement Project | ** | Not ranked | A* |
| SC9781 | Fecal Coliform Source Study | ** | 67 | E |
| SC9672 ¹ | Flood Protection Project | ** | 71 | E |
| SC9451 ¹ | Infrastructure Improvement | ** | 70 | *** |
| SC9475 ¹ | Infrastructure Improvement | \$430,000** | 68 | *** |
| SC9978 | LID Promotion Project | ** | Not ranked | A* |
| SC9834 ¹ | Neighborhood Stormwater Improvement Area | \$280,000 | 20 | *** |
| SC9861 ¹ | Neighborhood Stormwater Improvement Area | \$870,000 | 13 | *** |
| SC9128 | New BMP Project | \$430,000 | 4 | A |
| SC9132 | New BMP Project | \$80,000 | 6 | A |
| SC9137 ¹ | New BMP Project | \$940,000 | 4 | A |
| SC9142 ¹ | New BMP Project | \$130,000 | 9 | A |
| SC9153 ¹ | New BMP Project | \$110,000 | 20 | *** |
| SC9157 ¹ | New BMP Project | \$110,000 | 1 | *** |
| SC9158 ¹ | New BMP Project | \$110,000 | 1 | *** |
| SC9162 ¹ | New BMP Project | \$130,000 | 20 | *** |
| SC9164 ¹ | New BMP Project | \$110,000 | 20 | *** |

| Project Number | Project Type | Estimated Cost | Watershed Project Ranking | Year Group |
|---------------------|---|------------------------|---------------------------|------------|
| SC9167 ¹ | New BMP Project | \$130,000 | 17 | A |
| SC9813 ¹ | New LID Project | \$230,000** | 53 | D |
| SC9825 ¹ | New LID Project | \$230,000** | 49 | D |
| SC9836 | New LID Project | \$260,000 | 20 | B |
| SC9844 | New LID Project | \$160,000 | 20 | B |
| SC9859 | New LID Project | \$160,000 | 20 | B |
| SC9860 | New LID Project | \$230,000** | 49 | D |
| SC9976 | Public Education Project | ** | Not ranked | A* |
| SC9982 | Stream Assessment Project | ** | Not ranked | A* |
| SC9204 ¹ | Stream Restoration | \$1,475,000** | 63 | E |
| SC9206 ¹ | Stream Restoration | \$1,025,000** | 63 | E |
| SC9210 ¹ | Stream Restoration | \$1,125,000** | 68 | E |
| SC9219 ¹ | Stream Restoration | \$1,050,000** | 63 | D |
| SC9220 ¹ | Stream Restoration | \$2,050,000** | 58 | D |
| SC9230 ¹ | Stream Restoration | \$2,050,000** | 63 | D |
| SC9845 ¹ | Tysons Corner Stormwater Improvement Area | \$200,000 ² | 9 | A |
| SC9980 | Wetland Assessment Project | \$100,000** | 63 | D |
| DE9102 ¹ | BMP Retrofit Project | \$80,000 | 14 | B |
| DE9106 ¹ | BMP Retrofit Project | \$40,000 | 9 | B |
| DE9107 ¹ | BMP Retrofit Project | \$30,000 | 18 | C |
| DE9109 ¹ | BMP Retrofit Project | \$180,000 | 18 | C |
| DE9111 ¹ | BMP Retrofit Project | \$20,000 | 9 | B |
| DE9115 | BMP Retrofit Project | \$50,000 | 18 | C |
| DE9120 | BMP Retrofit Project | \$70,000 | 1 | A |
| DE9122 ¹ | BMP Retrofit Project | \$60,000 | 7 | A |
| DE9130 ¹ | BMP Retrofit Project | \$370,000 | 12 | A |
| DE9135 | BMP Retrofit Project | \$40,000 | 18 | C |
| DE9303 ¹ | Buffer Restoration | \$4,190,000** | 27 | A |
| DE9310 ¹ | Buffer Restoration | \$100,000 | 29 | A |
| DE9940 | Community Outreach Project | ** | Not ranked | A* |
| DE9901 ¹ | Dumpsite/Obstruction Removal | \$5,000** | 32 | A |
| DE9942 | Enforcement Enhancement Project | ** | Not ranked | A* |
| DE9746 | Fecal Coliform Source Study | ** | 34 | E |
| DE9637 ¹ | Flood Protection Project | ** | 31 | E |
| DE9408 ¹ | Infrastructure Improvement | ** | 33 | *** |
| DE9438 ¹ | Infrastructure Improvement | ** | 33 | E |
| DE9445 ¹ | Infrastructure Improvement | \$370,000** | 29 | *** |
| DE9941 | LID Promotion Project | ** | Not ranked | A* |
| DE9821 ¹ | Neighborhood Stormwater Improvement Area | \$580,000 | 6 | *** |
| DE9824 ¹ | Neighborhood Stormwater Improvement Area | \$740,000 | 2 | *** |
| DE9836 ¹ | Neighborhood Stormwater Improvement Area | \$1,950,000 | 2 | *** |
| DE9112 | New BMP Project | \$300,000 | 4 | A |

| Project Number | Project Type | Estimated Cost | Watershed Project Ranking | Year Group |
|---------------------|--|----------------|---------------------------|------------|
| DE9116 ¹ | New BMP Project | \$410,000 | 9 | B |
| DE9129 ¹ | New BMP Project | \$130,000 | 12 | A |
| DE9132 ¹ | New BMP Project | \$170,000 | 5 | *** |
| DE9813 | New LID Project | \$190,000 | 14 | B |
| DE9814 | New LID Project | \$120,000 | 14 | B |
| DE9819 | New LID Project | \$100,000 | 14 | B |
| DE9823 | New LID Project | \$60,000 | 8 | B |
| DE9828 ¹ | New LID Project | \$230,000** | 23 | D |
| DE9831 ¹ | New LID Project | \$230,000** | 23 | D |
| DE9939 | Public Education Project | ** | Not ranked | A* |
| DE9947 | Stream Assessment Project | ** | Not ranked | A* |
| DE9204 ¹ | Stream Restoration | \$7,330,000** | 30 | D |
| DE9226 ¹ | Stream Restoration | \$770,000 | 25 | A |
| DE9244 ¹ | Stream Restoration | \$770,000 | 21 | D |
| DE9943 | Wetland Assessment Project | \$100,000** | 27 | C |
| TR9104 | BMP Retrofit Project | \$190,000 | 2 | A |
| TR9308 ¹ | Buffer Restoration | \$40,000 | 6 | B |
| TR9918 | Community Outreach Project | ** | Not ranked | A* |
| TR9902 ¹ | Dumpsite/Obstruction Removal | \$5,000** | 10 | A |
| TR9920 | Enforcement Enhancement Project | ** | Not ranked | A* |
| TR9721 | Fecal Coliform Source Study | ** | | E |
| TR9405 ¹ | Infrastructure Improvement | \$70,000** | 13 | *** |
| TR9416 ¹ | Infrastructure Improvement | \$120,000** | 15 | *** |
| TR9913 ¹ | Land Conservation Coordination Project | ** | 14 | D |
| TR9919 | LID Promotion Project | ** | Not ranked | A* |
| TR9807 | New LID Project | \$940,000 | 1 | A |
| TR9810 ¹ | New LID Project | \$60,000 | 8 | C |
| TR9812 | New LID Project | \$60,000 | 5 | B |
| TR9914 | Public Education Project | ** | Not ranked | A* |
| TR9922 | Stream Assessment Project | ** | Not Ranked | A* |
| TR9201 ¹ | Stream Restoration | \$500,000 | 4 | A |
| TR9203 | Stream Restoration | \$260,000 | 11 | C |
| TR9206 ¹ | Stream Restoration | \$2,380,000 | 11 | C |
| TR9915 | Wetland Assessment Project | \$100,000** | 9 | C |
| PM9106 ¹ | BMP Retrofit Project | \$160,000 | 45 | C |
| PM9112 ¹ | BMP Retrofit Project | \$110,000** | 53 | D |
| PM9116 ¹ | BMP Retrofit Project | \$30,000 | 10 | B |
| PM9133 ¹ | BMP Retrofit Project | \$70,000 | 45 | C |
| PM9134 ¹ | BMP Retrofit Project | \$60,000 | 43 | B |
| PM9136 ¹ | BMP Retrofit Project | \$30,000 | 37 | B |
| PM9140 ¹ | BMP Retrofit Project | \$130,000 | 18 | C |
| PM9142 ¹ | BMP Retrofit Project | \$60,000 | 18 | C |
| PM9148 ¹ | BMP Retrofit Project | \$50,000 | 10 | A |
| PM9149 ¹ | BMP Retrofit Project | \$50,000 | 32 | A |

| Project Number | Project Type | Estimated Cost | Watershed Project Ranking | Year Group |
|---------------------|--|----------------|---------------------------|------------|
| PM9153 ¹ | BMP Retrofit Project | \$190,000 | 37 | B |
| PM9154 ¹ | BMP Retrofit Project | \$40,000 | 2 | A |
| PM9158 ¹ | BMP Retrofit Project | \$100,000 | 37 | B |
| PM9160 ¹ | BMP Retrofit Project | \$110,000 | 10 | A |
| PM9161 ¹ | BMP Retrofit Project | \$70,000 | 5 | A |
| PM9170 ¹ | BMP Retrofit Project | \$110,000** | 32 | D |
| PM9175 ¹ | BMP Retrofit Project | \$30,000 | 44 | C |
| PM9176 ¹ | BMP Retrofit Project | \$110,000** | 49 | E |
| PM9301 ¹ | Buffer Restoration | \$240,000 | 65 | A |
| PM9311 ¹ | Buffer Restoration | \$340,000 | 83 | A |
| PM9315 ¹ | Buffer Restoration | \$170,000** | 73 | E |
| PM9317 ¹ | Buffer Restoration | \$180,000** | 61 | C |
| PM9328 ¹ | Buffer Restoration | \$150,000 | 25 | A |
| PM9379 ¹ | Buffer Restoration | \$110,000 | 73 | E |
| PM9985 | Community Outreach Project | ** | Not Ranked | A* |
| PM9902 ¹ | Dumpsite/Obstruction Removal | \$5,000** | 75 | A |
| PM9937 | Dumpsite/Obstruction Removal | \$5,000** | 75 | A |
| PM9987 | Enforcement Enhancement Project | ** | Not Ranked | A* |
| PM9796 | Fecal Coliform Source Study | ** | 88 | E |
| PM9663 ¹ | Flood Protection Project | ** | 79 | E |
| PM9346 ¹ | Floodplain Restoration | \$820,000** | 63 | D |
| PM9347 ¹ | Floodplain Restoration | \$1,380,000** | 63 | D |
| PM9382 ¹ | Floodplain Restoration | \$580,000** | 79 | E |
| PM9417 ¹ | Infrastructure Improvement | \$350,000** | 78 | *** |
| PM9451 ¹ | Infrastructure Improvement | \$570,000** | 81 | D |
| PM9464 ¹ | Infrastructure Improvement | \$160,000 | 66 | B |
| PM9465 ¹ | Infrastructure Improvement | \$80,000** | 66 | *** |
| PM9466 ¹ | Infrastructure Improvement | \$1,030,000** | 66 | *** |
| PM9468 ¹ | Infrastructure Improvement | ** | 66 | *** |
| PM9469 ¹ | Infrastructure Improvement | \$340,000** | 66 | *** |
| PM9490 ¹ | Infrastructure Improvement | ** | 79 | D |
| PM9491 ¹ | Infrastructure Improvement | \$300,000** | 64 | C |
| PM9492 ¹ | Infrastructure Improvement | \$320,000** | 78 | *** |
| PM9494 ¹ | Infrastructure Improvement | \$60,000** | 67 | D |
| PM9986 | LID Promotion Project | ** | Not Ranked | A* |
| PM9814 ¹ | Neighborhood Stormwater Improvement Area | \$710,000 | 5 | *** |
| PM9819 ¹ | Neighborhood Stormwater Improvement Area | \$350,000 | 32 | *** |
| PM9827 ¹ | Neighborhood Stormwater Improvement Area | \$530,000** | 18 | *** |
| PM9845 ¹ | Neighborhood Stormwater Improvement Area | \$620,000 | 5 | *** |
| PM9889 ¹ | Neighborhood Stormwater Improvement Area | \$530,000** | 58 | *** |
| PM9978 ¹ | Neighborhood Stormwater Improvement Area | \$450,000 | 71 | *** |

| Project Number | Project Type | Estimated Cost | Watershed Project Ranking | Year Group |
|---------------------|----------------------------|----------------|---------------------------|------------|
| PM9120 ¹ | New BMP Project | \$90,000 | 2 | B |
| PM9144 | New BMP Project | \$70,000 | 29 | A |
| PM9155 | New BMP Project | \$70,000 | 1 | A |
| PM9804 ¹ | New LID Project | \$230,000** | 32 | D |
| PM9805 ¹ | New LID Project | \$240,000 | 50 | C |
| PM9807 | New LID Project | \$230,000** | 45 | D |
| PM9810 ¹ | New LID Project | \$230,000** | 55 | D |
| PM9813 ¹ | New LID Project | \$230,000** | 50 | D |
| PM9818 ¹ | New LID Project | \$230,000** | 58 | D |
| PM9821 | New LID Project | \$400,000 | 5 | B |
| PM9822 | New LID Project | \$120,000 | 45 | A |
| PM9823 | New LID Project | \$140,000 | 2 | B |
| PM9824 | New LID Project | \$240,000 | 29 | A |
| PM9825 ¹ | New LID Project | \$180,000 | 58 | C |
| PM9826 ¹ | New LID Project | \$230,000** | 54 | D |
| PM9829 | New LID Project | \$350,000 | 10 | A |
| PM9830 ¹ | New LID Project | \$140,000 | 10 | A |
| PM9831 | New LID Project | \$160,000 | 10 | A |
| PM9839 ¹ | New LID Project | \$120,000 | 58 | C |
| PM9841 ¹ | New LID Project | \$450,000 | 27 | B |
| PM9843 | New LID Project | \$540,000 | 10 | A |
| PM9850 ¹ | New LID Project | \$300,000 | 32 | A |
| PM9852 ¹ | New LID Project | \$230,000 | 25 | A |
| PM9856 | New LID Project | \$830,000 | 5 | A |
| PM9857 ¹ | New LID Project | \$360,000 | 37 | B |
| PM9859 ¹ | New LID Project | \$310,000 | 18 | A |
| PM9862 ¹ | New LID Project | \$370,000 | 50 | C |
| PM9867 ¹ | New LID Project | \$160,000 | 37 | B |
| PM9871 ¹ | New LID Project | \$130,000 | 61 | C |
| PM9872 | New LID Project | \$140,000 | 18 | B |
| PM9873 ¹ | New LID Project | \$190,000 | 18 | C |
| PM9874 ¹ | New LID Project | \$60,000 | 27 | A |
| PM9877 ¹ | New LID Project | \$230,000 | 18 | B |
| PM9880 ¹ | New LID Project | \$230,000** | 37 | E |
| PM9984 | Public Education Project | ** | Not Ranked | A* |
| PM9997 | Stream Assessment Project | ** | Not Ranked | A* |
| PM9203 ¹ | Stream Restoration | \$3,480,000** | 81 | D |
| PM9208 ¹ | Stream Restoration | \$1,670,000** | 75 | E |
| PM9209 ¹ | Stream Restoration | \$8,520,000** | 71 | E |
| PM9232 ¹ | Stream Restoration | \$6,140,000 | 29 | B |
| PM9235 ¹ | Stream Restoration | \$4,380,000** | 55 | D |
| PM9988 | Wetland Assessment Project | \$100,000 | 57 | C |

¹These projects will require coordination with land owners prior to implementation to determine cost sharing and project schedule.

²Cost shown is an estimated cost for a study, not for implementation of the projects from the study.

- *All public education and outreach projects will be implemented for the entire 25-year period.
- **Costs shown are planning level costs.
- ***These projects will be coordinated directly with VDOT.