Pohick Creek Watershed
Candidate Projects Round 2
SORTED BY PROJECT NUMBER

| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 103 | Pohick- Lower South Run | LID Bioswale | This project will create an LID water quality bioswale facility at the parking tennis court and basketball court parking lots in Newington Heights Park. | Directly Connected Impervious Area | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |
| 104 | Pohick- Sideburn Branch | BMP Inlet Inserts | This project proposes replacing the existing inlets with BMP water quality inlets at the buildings and parking lots at 6000 Fred Oaks Rd | Nitrogen, Phosphorous | This project would add nutrient removal to the inlet locations reducing the downstream depositing o f phosphorous and nitrogen laden sediment. | |
| 105 | Pohick- Lower South Run | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 106 | Pohick- Lower South Run | Spot Stream Restoration | This project proposes spot improvements to the channel morphology and creation of more suitable environments along the stream for aquatic habitat. | Benthic Communities, Channel Morpholo | Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion. | |
| 107 | Pohick- Upper South Run | Infiltration Trench | This project proposes infiltration trenches along the parking lot at 6120 Little Ox Rd. (Burke Lake Storage) | Nitrogen, Phosphorous | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |
| 108 | Pohick- Rabbit Branch | BMP Inlet Inserts | This project proposes replacing the existing inlets with BMP water quality inlets in the parking lots at 10440 President's Park Dr. (George Mason University main campus) | Nitrogen, Phosphorous | Improve water quality by removing pollutants from stormwater runoff from parking lots. | |
| 109 | Pohick- Rabbit Branch | BMP Inlet Inserts | This project proposes replacing the existing inlets with BMP water quality inlets in the parking lots at 4395 Patriot Ci. (George Mason University main campus) | Nitrogen, Phosphorous | Improve water quality by removing pollutants from stormwater runoff from parking lots. | |
| 110 | Pohick- Rabbit Branch | LID / Green Roof | This project proposes a green roof to be constructed on an existing multi-level parking garage located at the George Mason University main campus. | Nitrogen, Phosphorous, Directly Conne | Improve water quality benefits through filtration and nutrient uptake, reduce volume and peak runoff rates and reduce the amount of directly connected impervious area. | |
| 111 | Pohick- Rabbit Bra | LID / Green Roof | This project proposes a green roof to be constructed on an existing multi-level parking garage located at the George Mason University main campus. | Nitrogen, Phosphorous, Directly Conne | Improve water quality benefits through filtration and nutrient uptake, reduce volume and peak runoff rates and reduce the amount of directly connected impervious area. | |
| 112 | Pohick- Sideburn Branchnch | Rain Barrel Program | This project proposes a rain barrel program to be implemented at the Oak View Elementary School. | Directly Connected Impervious Area, T | A rain barrel program will reduce volume and peak runoff rates flowing to storm sewer system, while recycling the collected stormwater will reduce water usage. The rain barrels can also be used by students as a hands-on educational program. | |
| 113 | Pohick- Sideburn Branchnch | LID Bioretention | This project proposes an LID water quality bioretention facility at the Oak View Elementary School. | Directly Connected Impervious Area, N | Improve water quality benefits through filtration and nutrient uptake, reduce volume and peak runoff rates and reduce the amount of directly connected impervious area. | |

Pohick Creek Watershed
Candidate Projects Round 2
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| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 114 | Pohick- Sideburn Branchnch | Rain Barrel Program | This project proposes a rain barrel program to be implemented at the Bonnie Brae Elementary School. | Directly Connected Impervious Area, T | A rain barrel program will reduce volume and peak runoff rates flowing to storm sewer system, while recycling the collected stormwater will reduce water usage. The rain barrels can also be used by students as a hands-on educational program. | |
| 115 | Pohick- Sideburn Branch | LID Bioswale | This project will create an LID water quality bioswale facility at the Bonnie Brae Elementary School. | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 116 | Pohick- Sideburn Branch | Rain Barrel Program | This project proposes a rain barrel program to be implemented at the Fairview Elementary School. | Directly Connected Impervious Area, T | A rain barrel program will reduce volume and peak runoff rates flowing to storm sewer system, while recycling the collected stormwater will reduce water usage. The rain barrels can also be used by students as a hands-on educational program. | |
| 117 | Pohick- Sideburn Branch | LID Bioswale | This project will create an LID water quality bioswale facility at the Fairview Elementary School. | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 118 | Pohick- Sideburn Branch | BMP Inlet Inserts | This project proposes replacing the existing inlets with BMP water quality inlets in the parking lots at 6000 Burke Commons Rd. (Wal-Mart Supercenter) | Nitrogen, Phosphorous | Improve water quality by removing pollutants from stormwater runoff from parking lots. | |
| 119 | Pohick- Sideburn Branch | BMP Inlet Inserts | This project proposes replacing the existing inlets with BMP water quality inlets in the parking lots at 6011 Burke Center Pwky. (Giant Supermarket) | Nitrogen, Phosphorous | Improve water quality by removing pollutants from stormwater runoff from parking lots. | |
| 120 | Pohick- Sideburn Branch | LID Bioretention | This project proposes an LID water quality bioretention facility at the Terra Centre Elementary School. | Nitrogen, Phosphorous | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |
| 121 | Pohick- Sideburn Branch | LID Bioswale | This project will create an LID water quality bioswale facility at the Terra Centre Elementary School. | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 122 | Pohick- Upper | Rain Barrel Program | This project proposes a rain barrel program to be implemented at the Burke Center School. | Directly Connected Impervious Area, T | A rain barrel program will reduce volume and peak runoff rates flowing to storm sewer system, while recycling the collected stormwater will reduce water usage. The rain barrels can also be used by students as a hands-on educational program. | |
| 123 | Pohick- Upper | LID Bioswale | This project will create an LID water quality bioswale facility at the Burke Center School. | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |

| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 124 | Pohick- Upper | Rain Barrel Program | This project proposes a rain barrel program to be implemented at the White Oaks Elementary School. | Directly Connected Impervious Area, T | A rain barrel program will reduce volume and peak runoff rates flowing to storm sewer system, while recycling the collected stormwater will reduce water usage. The rain barrels can also be used by students as a hands-on educational program. | |
| 125 | Pohick- Upper | LID Bioswale | This project will create an LID water quality bioswale facility at the White Oaks Elementary School. | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 126 | Pohick- Upper | LID Bioswale | This project will create an LID water quality bioswale facility at 9450 Lake Braddock Dr. (Lake Braddock Park - Upper & Lower Soccer Fields) | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 127 | Pohick- Upper | LID Bioswale | This project will create an LID water quality bioswale facility at the Lake Braddock Secondary School. | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 128 | Pohick- Upper | LID Bioretention | This project proposes an LID water quality bioretention facility at the Lake Braddock Secondary School. | Directly Connected Impervious Area, N | Improve water quality benefits through filtration and nutrient uptake, reduce volume and peak runoff rates and reduce the amount of directly connected impervious area. | |
| 129 | Pohick- Upper Sout | Pond Retrofit | This project would retrofit the existing dry pond to be designed for BMP water quality practices at the Fairfax Baptist Temple Academy. This pond will be designed to remove phosphorous and other | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |
| 130 | Pohick- Upper Sout | LID Bioswale | This project will create an LID water quality bioswale facility at the Fairfax Baptist Temple Academy. | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 131 | Pohick- Middle Run | Rain Barrel Program | This project proposes a rain barrel program to be implemented at the Cherry Run Elementary School. | Directly Connected Impervious Area, T | A rain barrel program will reduce volume and peak runoff rates flowing to storm sewer system, while recycling the collected stormwater will reduce water usage. The rain barrels can also be used by students as a hands-on educational program. | |
| 132 | Pohick- Middle Run | LID Bioswale | This project will create an LID water quality bioswale facility at the Cherry Run Elementary School. | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 133 | Pohick- Middle Run | LID Bioretention | This project proposes an LID water quality bioretention facility at the Cherry Run Elementary School. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |

| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 134 | Pohick- Middle | LID Bioswale | This project will create an LID water quality bioswale facility at the West Springfield High School. | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 135 | Pohick- Middle | LID Bioretention | This project proposes an LID water quality bioretention facility at the West Springfield High School. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |
| 136 | Pohick- Middle | Rain Barrel Program | This project proposes a rain barrel program to be implemented at the Rolling Valley Elementary School. | Directly Connected Impervious Area, T | A rain barrel program will reduce volume and peak runoff rates flowing to storm sewer system, while recycling the collected stormwater will reduce water usage. The rain barrels can also be used by students as a hands-on educational program. | |
| 137 | Pohick- Middle | LID Bioswale | This project will create an LID water quality bioswale facility at the Rolling Valley Elementary School. | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 138 | Pohick- Middle | Rain Barrel Program | This project proposes a rain barrel program to be implemented at the Orange Hunt Elementary School. | Directly Connected Impervious Area, T | A rain barrel program will reduce volume and peak runoff rates flowing to storm sewer system, while recycling the collected stormwater will reduce water usage. The rain barrels can also be used by students as a hands-on educational program. | |
| 139 | Pohick- Middle Run | LID Bioswale | This project will create an LID water quality bioswale facility at the Orange Hunt Elementary School. | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 140 | Pohick- Middle | Rain Barrel Program | This project proposes a rain barrel program to be implemented at the Hunt Valley Elementary School. | Directly Connected Impervious Area, T | A rain barrel program will reduce volume and peak runoff rates flowing to storm sewer system, while recycling the collected stormwater will reduce water usage. The rain barrels can also be used by students as a hands-on educational program. | |
| 141 | Pohick- Middle Run | Rain Barrel Program | This project proposes a rain barrel program to be implemented at the Sangster Elementary School. | Directly Connected Impervious Area, T | A rain barrel program will reduce volume and peak runoff rates flowing to storm sewer system, while recycling the collected stormwater will reduce water usage. The rain barrels can also be used by students as a hands-on educational program. | |
| 142 | Pohick- Middle Sou | LID Bioretention | This project proposes an LID water quality bioretention facility at 7550 Reservation Dr. (South Run Recreation Center) | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |

| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 143 | Pohick- Middle Sou | LID Bioswale | This project will create an LID water quality bioswale facility at 7550 Reservation Dr. (South Run Recreation Center) | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 144 | Pohick- Lower Sout | Rain Barrel Program | This project proposes a rain barrel program to be implemented at the Newington Forest Elementary School. | Directly Connected Impervious Area, T | A rain barrel program will reduce volume and peak runoff rates flowing to storm sewer system, while recycling the collected stormwater will reduce water usage. The rain barrels can also be used by students as a hands-on educational program. | |
| 145 | Pohick- Lower Sout | LID Bioswale | This project will create an LID water quality bioswale facility at the Newington Forest Elementary School. | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 146 | Pohick- Lower Sout | LID Bioretention | This project proposes an LID water quality bioretention facility at the Newington Forest Elementary School. | Directly Connected Impervious Area, N | Improve water quality benefits through filtration and nutrient uptake, reduce volume and peak runoff rates and reduce the amount of directly connected impervious area. | |
| 147 | Pohick- Middle | Rain Barrel Program | This project proposes a rain barrel program to be implemented at the Saratoga Elementary School. | Directly Connected Impervious Area, T | A rain barrel program will reduce volume and peak runoff rates flowing to storm sewer system, while recycling the collected stormwater will reduce water usage. The rain barrels can also be used by students as a hands-on educational program. | |
| 148 | Pohick- Lower Sout | Rain Barrel Program | This project proposes a rain barrel program to be implemented at the Laurel Hill Elementary School. (Currently Under Construction) | Directly Connected Impervious Area, N | A rain barrel program will reduce volume and peak runoff rates flowing to storm sewer system, while recycling the collected stormwater will reduce water usage. The rain barrels can also be used by students as a hands-on educational program. | |
| 149 | Pohick- Lower Sout | LID Bioretention | This project proposes an LID water quality bioretention facility at the Laurel Hill Elementary School. (Currently Under Construction) | Directly Connected Impervious Area, N | Improve water quality benefits through filtration and nutrient uptake, reduce volume and peak runoff rates and reduce the amount of directly connected impervious area. | |
| 150 | Pohick- Lower Sout | Pond Retrofit / LID Wet | This project would retrofit the existing TBD pond and create an LID wetland facility near the South County Secondary School. The wetland facility would include aquatic plantings and a sediment forebay for pre-treatment of pollutants. | Wetland Habitat, Aquatic Habitat, Nit | A variety of water quality components are proposed to improve pollutant removal performance. Pollutant removal will be achieved through settling and biological uptake within the wetland, while reducing volume and peak runoff rates. | |
| 151 | Pohick- Middle | BMP Inlet Inserts | This project proposes replacing the existing inlets with BMP water quality inlets in the parking lots at 8074 Rolling Rd. (Saratoga Shopping Center) | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by removing pollutants from stormwater runoff from parking lots. | |

| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 152 | Pohick- Lower | Rain Barrel Program | This project proposes a rain barrel program to be implemented at the Lorton Station Elementary School. | Directly Connected Impervious Area, T | A rain barrel program will reduce volume and peak runoff rates flowing to storm sewer system, while recycling the collected stormwater will reduce water usage. The rain barrels can also be used by students as a hands-on educational program. | |
| 153 | Pohick- Lower | LID Bioswale | This project will create an LID water quality bioswale facility at the Lorton Station Elementary School. | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 154 | Pohick- Lower | BMP Inlet Inserts | This project proposes replacing the existing inlets with BMP water quality inlets in the parking lots at 9409 Lorton Market St. (Lorton Marketplace Shopping Center) | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by removing pollutants from stormwater runoff from parking lots. | |
| 155 | Pohick- Lower | Pond Retrofit / LID Bio | This project would retrofit the existing dry pond and create an LID water quality bioretention facility at 9409 Lorton Market St. (Lorton Marketplace Shopping Center). | Directly Connected Impervious Area, T | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |
| 156 | Pohick- Lower | BMP Inlet Inserts | This project proposes replacing the existing inlets with BMP water quality inlets in the parking lots at 9399 Richmond Hwy. (Norman M Cole Jr. Wastewater Treatment Plant) | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by removing pollutants from stormwater runoff from parking lots. | |
| 157 | Pohick- Lower | Pond Retrofit / LID Bio | This project would retrofit the existing dry pond and create an LID water quality bioretention facility at 9399 Richmond Hwy. (Norman M Cole Jr. Wastewater Treatment Plant). | Directly Connected Impervious Area, T | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |
| 158 | Pohick- Lower | Pond Retrofit / LID Bio | This project would retrofit the existing dry pond and create an LID water quality bioretention facility at 9515 Richmond Hwy. (Lorton Athletic Fields). | Directly Connected Impervious Area, T | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |
| 159 | Pohick- Lower | LID Pavement Retrofit | This project proposes an impervious pavement removal and retrofit to pervious pavers at 9515 Richmond Hwy. (Lorton Athletic Fields) | Total Impervious Area, Total Urban La | Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area. | |
| 160 | Pohick- Lower | BMP Inlet Inserts | This project proposes replacing the existing inlets with BMP water quality inlets in the parking lots at the Gunston Plaza Shopping Center. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by removing pollutants from stormwater runoff from parking lots. | |
| 161 | Pohick- Lower | Pond Retrofit / LID Bio | This project would retrofit the existing dry pond and create an LID water quality bioretention facility at the Gunston Plaza Shopping Center. | Directly Connected Impervious Area, T | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |

| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 162 | Pohick- Middle Sou | Community Outreach / Pu | This project proposes a community stream cleanup and trash removal at 7550 Reservation Dr. (South Run Recreation Center) | | Improve water quality by removing trash, debris and obstructions from the stream and streambanks, while increasing community involvement and awareness. | |
| 163 | Pohick- Rabbit Branch | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 164 | Pohick- Sideburn Branch | BMP Inlet Inserts | This project proposes replacing the existing inlets with BMP water quality inlets in the parking lots at the University Mall Shopping Center. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by removing pollutants from stormwater runoff from parking lots. | |
| 165 | Pohick- Sideburn Branch | Pond Retrofit / LID Bio | This project would retrofit the existing dry pond and create an LID water quality bioretention facility at the University Mall Shopping Center. | Directly Connected Impervious Area, T | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |
| 166 | Pohick- Sideburn Branch | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 167 | Pohick- Sideburn Branch | Pond Retrofit / LID Bio | This project would retrofit the existing dry pond and create an LID water quality bioretention facility at the St. Marys Church. | Directly Connected Impervious Area, T | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |
| 168 | Pohick- Sideburn Branch | LID Pavement Retrofit | This project proposes an impervious pavement removal and retrofit to pervious pavers at 10603 Zion Dr. (Sideburn Recreation Pool) | Total Impervious Area, Total Urban La | Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area. | |
| 169 | Pohick- Sideburn Branch | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 170 | Pohick- Sideburn Branch | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 171 | Pohick- Rabbit Branch | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 172 | Pohick- Rabbit Branch | BMP Inlet Inserts | This project proposes replacing the existing inlets with BMP water quality inlets in the parking lots at 9525 Braddock Rd. (Twinbrooke Shopping Centre) | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by removing pollutants from stormwater runoff from parking lots. | |

| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 173 | Pohick- Rabbit Branch | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 174 | Pohick- Rabbit Branch | LID Bioswale | This project will create an LID water quality bioswale facility at 5216 Pommeroy Dr. (Lakeside Park) | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates. | |
| 175 | Pohick- Upper | LID Pavement Retrofit | This project proposes an impervious pavement removal and retrofit to pervious pavers at the end of the parking lot at 9333 Lake Braddock Dr. (Lakeside Pool - Lake Braddock Comm. Assoc.) | Total Impervious Area, Total Urban La | Improve water quality and reduce the amount of runoff directly to Lake Braddock through infiltration and reduction of impervious area. | |
| 176 | Pohick- Upper | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 177 | Pohick- Upper | LID Pavement Retrofit | This project proposes an impervious pavement removal and retrofit to pervious pavers at 9016 Burke Rd. (Virginia Railway Express - Rolling Rd. Station) | Total Impervious Area, Total Urban La | Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area. | |
| 178 | Pohick- Upper | Pond Retrofit / LID Bio | This project would retrofit the existing dry pond and create an LID water quality bioretention facility at 9725 lakepoint Dr. (Public Pond 0316DP). | Directly Connected Impervious Area, T | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |
| 179 | Pohick- Upper | LID Pavement Retrofit | This project proposes an impervious pavement removal and retrofit to pervious pavers at the end of the parking lot at 9837 Burke Pond La. (Ponds Community Center and Pool) | Total Impervious Area, Total Urban La | Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area. | |
| 180 | Pohick- Upper | BMP Inlet Inserts | This project proposes replacing the existing inlets with BMP water quality inlets in the parking lots at 9230 Old Keene Mill Rd. (Rolling Valley Mall) | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by removing pollutants from stormwater runoff from parking lots. | |
| 181 | Pohick- Sideburn Branch | BMP Inlet Inserts | This project proposes replacing the existing inlets with BMP water quality inlets in the parking lots at 10301 New Guinea Rd. (Target Store) | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by removing pollutants from stormwater runoff from parking lots. | |
| 182 | Pohick- Sideburn Branchnch | LID Pavement Retrofit | This project proposes an impervious pavement removal and retrofit to pervious pavers at 9016 Burke Rd. (Virginia Railway Express - Burke Centre Station) | Total Impervious Area, Total Urban La | Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area. | |
| 183 | Pohick- Sideburn Branch | BMP Inlet Inserts | This project proposes replacing the existing inlets with BMP water quality inlets in the parking lots at 5727 Burke Centre Pkwy. (Burke Centre Shopping Center) | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by removing pollutants from stormwater runoff from parking lots. | |

| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 184 | Pohick- Sideburn Branch | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 185 | Pohick- Sideburn Branch | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 186 | Pohick- Sideburn Branch | LID Pavement Retrofit | This project proposes an impervious pavement removal and retrofit to pervious pavers at the end of the parking lot at 6001 Cove Landing Road. (Landings Community Center and Pool) | Total Impervious Area, Total Urban La | Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area. | |
| 187 | Pohick- Upper Sout | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 188 | Pohick- Upper South Run | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Channel Morphology | Restoring the pattern, dimension, and profile of the stream will reduce stress on the banks and reduce erosion. Re-grading and armoring the banks will reduce instability and erosion caused by failure of the vertical streambanks. | |
| 189 | Pohick- Upper South Run | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Channel Morphology | Restoring the pattern, dimension, and profile of the stream will reduce stress on the banks and reduce erosion. Re-grading and armoring the banks will reduce instability and erosion caused by failure of the vertical streambanks. | |
| 190 | Pohick- Upper South Run | Pond Retrofit / LID Bio | This project would retrofit the existing dry pond and create an LID water quality bioretention facility at 9900 Old Keene Mill Rd. (Burke Community Church). | Upland Sediment, Total Nitrogen Load, | Improve water quality benefits through filtration and nutrient uptake and reduce volume and peak runoff rates. | |
| 191 | Pohick- Upper South Run | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Channel Morphology | Restoring the pattern, dimension, and profile of the stream will reduce stress on the banks and reduce erosion. Re-grading and armoring the banks will reduce instability and erosion caused by failure of the vertical streambanks. | |
| 192 | Pohick- Upper South Run | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Channel Morphology | Restoring the pattern, dimension, and profile of the stream will reduce stress on the banks and reduce erosion. Re-grading and armoring the banks will reduce instability and erosion caused by failure of the vertical streambanks. | |

| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 193 | Pohick- Middle South Run | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 194 | Pohick- Middle South Run | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Channel Morphology | Restoring the pattern, dimension, and profile of the stream will reduce stress on the banks and reduce erosion. Re-grading and armoring the banks will reduce instability and erosion caused by failure of the vertical streambanks. | |
| 195 | Pohick- Middle South Run | LID Bioswale | This project will create an LID water quality bioswale facility between the parking lot and wet pond at 9908 S Park Ci. (South Run Regency - Swim & Racquet Club) | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates flowing to wet pond. | |
| 196 | Pohick- Middle South Run | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Channel Morphology | Restoring the pattern, dimension, and profile of the stream will reduce stress on the banks and reduce erosion. Re-grading and armoring the banks will reduce instability and erosion caused by failure of the vertical streambanks. | |
| 197 | Pohick- Middle South Run | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 198 | Pohick- Middle South Run | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 199 | Pohick- Middle Run | LID Bioswale | This project will create an LID water quality bioswale facility between the parking lot and wet pond at 6512 Sydenstricker Rd. (Rolling Valley West Park) | Upland Sediment, Total Suspended Soli | Improve water quality benefits through filtration and nutrient uptake, reduce sediment loads entering streams and reduce volume and peak runoff rates flowing to wet pond. | |
| 200 | Pohick- Middle Run | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 201 | Pohick- Middle Run | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 202 | Pohick- Middle Run | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |

Pohick Creek Watershed
Candidate Projects Round 2
SORTED BY PROJECT NUMBER

| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 203 | Pohick- Middle | LID Pavement Retrofit | This project proposes an impervious pavement removal and retrofit to pervious pavers at 8600 Bridle Wood Dr. (Orange Hunt Pool) | Total Impervious Area, Total Urban La | Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area. | |
| 204 | Pohick- Middle | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 205 | Pohick- Middle | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 206 | Pohick- Middle | LID Pavement Retrofit | This project proposes an impervious pavement removal and retrofit to pervious pavers at 7700 Delong Dr. (Newington Community Association Pool) | Total Impervious Area, Total Urban La | Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area. | |
| 207 | Pohick- Lower South Run | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 208 | Pohick- Lower South Run | Grass Clipping Collecti | This project proposes a neighborhood grass clipping collection program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Nitrogen, Phosphorous, Total Nitrogen | Improve water quality by collecting grass clippings, preventing potential pollutant loads from entering the nearby streams and storm systems. | |
| 209 | Pohick- Lower | Street Sweeping Program | This project proposes a street sweeping program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Upland Sediment, Total Suspended Soli | Improve water quality in industrial areas by capturing and preventing potential pollutants from entering the nearby streams and storm systems. | |
| 210 | Pohick- Lower | Street Sweeping Program | This project proposes a street sweeping program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. This area is nearby to the Norman M Cole Jr. Wastewater Treatment Plant. | VPDES Permitted Point Sources, Upland | Improve water quality in industrial areas by capturing and preventing potential pollutants from entering the nearby streams and storm systems. | |
| 211 | Pohick- Lower | LID Pavement Retrofit | This project proposes an impervious pavement removal and retrofit to pervious pavers 8990 Lorton Station Blvd. (Virginia Railway Express - Lorton Station) | Total Impervious Area, Total Urban La | Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area. | |
| 212 | Pohick- Sideburn Branch | Street Sweeping Program | This project proposes a street sweeping program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Upland Sediment, Total Suspended Soli | Improve water quality in industrial areas by capturing and preventing potential pollutants from entering the nearby streams and storm systems. | |
| 213 | Pohick- Sideburn Branch | Street Sweeping Program | This project proposes a street sweeping program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Upland Sediment, Total Suspended Soli | Improve water quality in industrial areas by capturing and preventing potential pollutants from entering the nearby streams and storm systems. | |

| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 214 | Pohick- Sideburn Branch | Street Sweeping Program | This project proposes a street sweeping program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Upland Sediment, Total Suspended Soli | Improve water quality in industrial areas by capturing and preventing potential pollutants from entering the nearby streams and storm systems. | |
| 215 | Pohick- Sideburn Branch | Street Sweeping Program | This project proposes a street sweeping program to help reduce the amount of potential pollutants from entering the nearby streams and storm systems. | Upland Sediment, Total Suspended Soli | Improve water quality in industrial areas by capturing and preventing potential pollutants from entering the nearby streams and storm systems. | |
| 216 | Pohick- Upper | Obstruction Removal | Removal of obstructions blocking stream channel and restoration of natural conditions. (Possible gabbions in/near stream) | Flood Complaints | Removal of obstructions will help restore the natural shape and function of the stream. | |
| 217 | Pohick- Sideburn Branch | Dumpsite Removal | Removal of dumpsite materials blocking stream channel and restoration of natural conditions. (Possible appliances in/near stream) | Flood Complaints | Removal of dumpsite materials will help restore the natural shape and function of the stream and prevent potential pollutants from entering the stream. | |
| 218 | Pohick- Upper South Run | Obstruction Removal | Removal of obstructions blocking stream channel and restoration of natural conditions. (Possible concrete in/near stream) | Flood Complaints | Removal of obstructions will help restore the natural shape and function of the stream. | |
| 219 | Pohick- Middle South Run | Obstruction Removal | Removal of obstructions blocking stream channel and restoration of natural conditions. (Possible trees in/near stream) | Flood Complaints | Removal of obstructions will help restore the natural shape and function of the stream. | |
| 220 | Pohick- Lower South Run | Obstruction Removal | Removal of obstructions blocking stream channel and restoration of natural conditions. (Possible trees in/near stream) | Flood Complaints | Removal of obstructions will help restore the natural shape and function of the stream. | |
| 221 | Pohick- Middle Run | Obstruction Removal | Removal of obstructions blocking stream channel and restoration of natural conditions. (Possible beaver dam and rocks in/near stream) | Flood Complaints | Removal of obstructions will help restore the natural shape and function of the stream. | |
| 222 | Pohick- Middle Run | Obstruction Removal | Removal of obstructions blocking stream channel and restoration of natural conditions. (Possible concrete in/near stream) | Flood Complaints | Removal of obstructions will help restore the natural shape and function of the stream. | |
| 223 | Pohick- Middle | Obstruction Removal | Removal of obstructions blocking stream channel and restoration of natural conditions. (Possible concrete and debris in/near stream) | Flood Complaints | Removal of obstructions will help restore the natural shape and function of the stream. | |
| 224 | Pohick- Lower South Run | Obstruction Removal | Removal of obstructions blocking stream channel and restoration of natural conditions. (Possible concrete in/near stream) | Flood Complaints | Removal of obstructions will help restore the natural shape and function of the stream. | |
| 225 | Pohick- Upper | Pond Retrofit/Rain Gard | Expand or retrofit pond DP0616 into extended detention wetland pond/ raingarden and the north east portion of the Lake Braddock Secondary School | WAG memeber | | |
| 226 | Pohick- Rabbit Branch | Stream Buffer Cleanup a | Clean stream buffer of trash and debris as well as spot improvements and repairs. | WAG memeber | | |

| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 227 | Pohick- Upper | Spot Stream Restoration | Removal of sediment deposition and repair of undercut and eroded stream banks. | WAG memeber | | |
| 228 | Pohick- Sideburn Branch | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Benthic Communities, Channel Morpholo | Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion. | |
| 229 | Pohick- Sideburn Branch | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Benthic Communities, Channel Morpholo | Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion. | |
| 230 | Pohick- Sideburn Branch | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Benthic Communities, Channel Morpholo | Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion. | |
| 231 | Pohick- Sideburn Branch | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Benthic Communities, Channel Morpholo | Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion. | |
| 232 | Pohick- Sideburn Branch | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Benthic Communities, Channel Morpholo | Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion. | |
| 233 | Pohick- Upper | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Benthic Communities, Channel Morpholo | Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion. | |
| 234 | Pohick- Sideburn Branch | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Benthic Communities, Channel Morpholo | Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion. | |
| 235 | Pohick- Upper | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Benthic Communities, Channel Morpholo | Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion. | |

| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 236 | Pohick- Upper | Stream Restoration | This project would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Channel Morphology, Aquatic Habitat | Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion. | |
| 237 | Pohick- Upper South Run | Pond Retrofit / LID Wet | This alternative regional pond project (P-01) would retrofit the existing dry pond and create an LID wetland facility. The wetland facility would include aquatic plantings and a sediment forebay for pre-treatment of pollutants. | Wetland Habitat, Nitrogen, Phosphorou | A variety of water quality components are proposed to improve pollutant removal performance. Pollutant removal will be achieved through settling and biological uptake within the wetland, while reducing volume and peak runoff rates. | |
| 238 | Pohick- Upper South Run | Stream Restoration | This alternative regional pond subproject (P-01) would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Channel Morphology, Aquatic Habitat | Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion. | |
| 239 | Pohick- Upper South Run | Pond Retrofit / LID Wet | This alternative regional pond project (P-03 & P-07) would retrofit the existing dry pond and create an LID wetland facility. The wetland facility would include aquatic plantings and a sediment forebay for pre-treatment of pollutants. | Wetland Habitat, Nitrogen, Phosphorou | A variety of water quality components are proposed to improve pollutant removal performance. Pollutant removal will be achieved through settling and biological uptake within the wetland, while reducing volume and peak runoff rates. | |
| 240 | Pohick- Upper South Run | Pond Retrofit / LID Wet | This alternative regional pond project (P-04) would retrofit the existing dry pond and create an LID wetland facility. The wetland facility would include aquatic plantings and a sediment forebay for pre-treatment of pollutants. | Wetland Habitat, Nitrogen, Phosphorou | A variety of water quality components are proposed to improve pollutant removal performance. Pollutant removal will be achieved through settling and biological uptake within the wetland, while reducing volume and peak runoff rates. | |
| 241 | Pohick- Upper South Run | Stream Restoration | This alternative regional pond subproject (P-04) would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Channel Morphology, Aquatic Habitat | Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion. | |
| 242 | Pohick- Upper South Run | Pond Retrofit / LID Wet | This alternative regional pond project (P-06) would retrofit the existing dry pond and create an LID wetland facility. The wetland facility would include aquatic plantings and a sediment forebay for pre-treatment of pollutants. | Wetland Habitat, Nitrogen, Phosphorou | A variety of water quality components are proposed to improve pollutant removal performance. Pollutant removal will be achieved through settling and biological uptake within the wetland, while reducing volume and peak runoff rates. | |
| 243 | Pohick- Upper South Run | Stream Restoration | This alternative regional pond subproject (P-06) would restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel. | Channel Morphology, Aquatic Habitat | Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion. | |

| MAP # | WMA | PROJECT TYPE | DESCRIPTION | INDICATORS | BENEFIT | COMMENTS |
|---|---|---|---|---|---|---|
| 244 | Pohick- Upper South Run | Pond Retrofit / LID Wet | This alternative regional pond project (P-08) would retrofit the existing dry pond and create an LID wetland facility. The wetland facility would include aquatic plantings and a sediment forebay for pre-treatment of pollutants. | Wetland Habitat, Nitrogen, Phosphorou | A variety of water quality components are proposed to improve pollutant removal performance. Pollutant removal will be achieved through settling and biological uptake within the wetland, while reducing volume and peak runoff rates. | |
| 245 | Pohick- Upper South Run | Pond Retrofit / LID Wet | This alternative regional pond project (P-02) would retrofit the existing dry pond and create an LID wetland facility. The wetland facility would include aquatic plantings and a sediment forebay for pre-treatment of pollutants. | Wetland Habitat, Nitrogen, Phosphorou | A variety of water quality components are proposed to improve pollutant removal performance. Pollutant removal will be achieved through settling and biological uptake within the wetland, while reducing volume and peak runoff rates. | |
| 246 | Pohick- Upper South Run | Pond Retrofit / LID Wet | This alternative regional pond project (P-05) would retrofit the existing dry pond and create an LID wetland facility. The wetland facility would include aquatic plantings and a sediment forebay for pre-treatment of pollutants. | Wetland Habitat, Nitrogen, Phosphorou | A variety of water quality components are proposed to improve pollutant removal performance. Pollutant removal will be achieved through settling and biological uptake within the wetland, while reducing volume and peak runoff rates. | |