Pohick Creek Watershed
1st Round Candidate Project Sites
Sorted by Map #

MAP #	WMA	PROJECT TYPES	DESCRIPTION	BENEFIT	WAG COMMENTS
1	Lower Pohick Creek	Pavement Retrofit	Impervious pavement removal and retrofit to pervious pavers at Lorton Elementary School	Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area.	
2	Lower Pohick Creek	Pavement Retrofit	Impervious pavement removal and retrofit to pervious pavers at Lorton Town Center School	Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area.	
3	Pohick Lower South	Stream Buffer Repair	Stream buffer restoration to help restore natural vegatation along the channel to reduce nutrients flowing to the stream	Increase in shade, detritus, woody plant material and cooler water temperatures will improve habitat.	
4	Pohick Middle	Obstruction Removal	Removal of obstructions blocking stream channel and restoration of natural conditions.	Removal of obstructions will help restore the natural shape and function of the stream.	
5	Lower Pohick Creek	Pond Retrofit / LID Bio	Retrofit the existing TBD pond and create an LID water quality bioretention facility. This area will be designed to reduce the directly connected impervious area, and give overland flow a better buffer for nutrient removal.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
6	Lower Pohick Creek	Pavement Retrofit	Impervious pavement removal and retrofit to pervious pavers at a School on 8111 Northumberland rd.	Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area.	
7	Lower Pohick Creek	LID Bioretention	Construct a LID water quality bioretention facility. This area will be designed to reduce the directly connected impervious area, and give overland flow a better buffer for nutrient removal.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
8	Lower Pohick Creek	Pavement Retrofit	Impervious pavement removal and retrofit to pervious pavers at the Saratoga Shopping center	Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area.	
9	Pohick Middle South Run	LID Bioretention	Construct a LID water quality bioretention facility. This area will be designed to reduce the directly connected impervious area, help reduce erosive potential immediately downstream and give overland flow a better buffer for nutrien	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
10	Pohick Middle Run	Pond Retrofit / LID Bio	Retrofit the existing dry pond and create an LID water quality bioretention facility at the St Raymonds-Penafort Catholic Church. This area will be designed to reduce the directly connected impervious area, and give overland flow	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
11	Pohick Middle	Stream Restoration	Restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel.	Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion.	
12	Lower Pohick Creek	LID Bioretention	Construct a LID water quality bioretention facility. This area will be designed to reduce the directly connected impervious area, and give overland flow a better buffer for nutrient removal.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
13	Pohick Middle	Pond	Construct a new dry, off-stream BMP pond designed to control the discharge into the stream by reducing peak flows from the upstream areas. The pond would provide storage as well as water quality treatment.	Peak flow rates would be reduced by this project. A variety of water quality components are proposed to improve pollutant removal performance	

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14	Pohick Middle Run	Outfall Retrofit/Wetlan	Repair outfall protection and provide a wetland habitat retrofit at specific outfall locations.	Reduce velocity from the outfalls and help reduce erosive potential immediately downstream and inprove habitat by reducing sediment loads from erosion.	
15	Pohick Middle Run	Stream Buffer Repair	Repair the stream buffer and increase the quality of habitat and vegatation along the stream reach.	Minor improvements to water quality will occur due to shading and cooler temperatures. Improved buffer should help to reduce nutrients entering stream from overland flow.	
16	Pohick Middle Run	Pavement Retrofit	Impervious pavement removal and retrofit to pervious pavers at the Huntsman Square Shopping Center	Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area.	
17	Pohick Middle	Pond Retrofit	Retrofit the existing farm pond to be designed for BMP water quality practices. This pond will be designed to remove phosphorous and other nutrients from the water.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
18	Pohick Middle	Stream Restoration	Restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel.	Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion.	
19	Pohick Middle Run	Obstruction Removal	Removal of obstructions blocking stream channel and restoration of natural conditions.	Removal of obstructions will help restore the natural shape and function of the stream.	
20	Pohick Middle Run	Pond Retrofit / LID Bio	Rretrofit the existing dry pond and create an LID water quality bioretention facility at the Sangster Elementary School. This area will be designed to reduce the directly connected impervious area, and give overland flow a better b	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
21	Pohick Middle Run	LID Greenroof	Construct a LID water quality greenroof facility at the Sangster Elementary School. This area will be designed to reduce the directly connected impervious area, and provide a buffer for nutrient removal.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
22	Pohick Middle	Outfall Retrofit/Wetlan	Repair outfall protection and provide a wetland habitat retrofit at specific outfall locations.	Reduce velocity from the outfalls and help reduce erosive potential immediately downstream and inprove habitat by reducing sediment loads from erosion.	
23	Pohick Middle	Stream Buffer Repair	Repair the stream buffer and increase the quality of habitat and vegatation along the stream reach.	Minor improvements to water quality will occur due to shading and cooler temperatures. Improved buffer should help to reduce nutrients entering stream from overland flow.	
24	Lower Pohick Creek	LID Bioretention	Construct a LID water quality bioretention facility. This area will be designed to reduce the directly connected impervious area, and give overland flow a better buffer for nutrient removal.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
25	Pohick Middle	Outfall Retrofit/Wetlan	Repair outfall protection and provide a wetland habitat retrofit at specific outfall locations.	Reduce velocity from the outfalls and help reduce erosive potential immediately downstream and inprove habitat by reducing sediment loads from erosion.	

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26	Pohick Middle Run	LID Bioretention	Construct a LID water quality bioretention facility. This area will be designed to reduce the directly connected impervious area, help reduce erosive potential immediately downstream and give overland flow a better buffer for nutrien	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
27	Pohick Middle	Pond	Construct a new dry, off-stream BMP pond designed to control the discharge into the stream by reducing peak flows from the upstream areas. The pond would provide storage as well as water quality treatment.	Peak flow rates would be reduced by this project. A variety of water quality components are proposed to improve pollutant removal performance	
28	Pohick Middle	LID Greenroof	Construct a LID water quality greenroof facility at the Hunt Valley Elementary School. This area will be designed to reduce the directly connected impervious area, and provide a buffer for nutrient removal.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
29	Pohick Middle	Stream Restoration	Restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel.	Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion.	
30	Pohick Middle Run	Pond	Construct a new dry, off-stream BMP pond designed to control the discharge into the stream by reducing peak flows from the upstream areas. The pond would provide storage as well as water quality treatment.	Peak flow rates would be reduced by this project. A variety of water quality components are proposed to improve pollutant removal performance	
31	Pohick Middle	LID Greenroof	Construct a LID water quality greenroof facility at the Orange Hunt Elementary School. This area will be designed to reduce the directly connected impervious area, and provide a buffer for nutrient removal.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
32	Pohick Middle Run	LID Bioretention	Construct a LID water quality bioretention facility. This area will be designed to reduce the directly connected impervious area, and give overland flow a better buffer for nutrient removal.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
33	Pohick Middle	LID Bioretention	Construct a LID water quality bioretention facility. This area will be designed to reduce the directly connected impervious area, and give overland flow a better buffer for nutrient removal.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
34	Pohick Middle	Pavement Retrofit	Impervious pavement removal and retrofit to pervious pavers at the Rolling Valley Elementary School	Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area.	
35	Pohick Middle	Stream Buffer Repair	Repair the stream buffer and increase the quality of habitat and vegatation along the stream reach.	Minor improvements to water quality will occur due to shading and cooler temperatures. Improved buffer should help to reduce nutrients entering stream from overland flow.	
36	Pohick Middle	Pond	Construct a new dry, off-stream BMP pond designed to control the discharge into the stream by reducing peak flows from the upstream areas. The pond would provide storage as well as water quality treatment.	Peak flow rates would be reduced by this project. A variety of water quality components are proposed to improve pollutant removal performance	

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37	Pohick Middle	Stream Restoration	Restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel.	Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion.	
38	Pohick Middle	Outfall Retrofit/Wetlan	Repair outfall protection and provide a wetland habitat retrofit at specific outfall locations.	Reduce velocity from the outfalls and help reduce erosive potential immediately downstream and inprove habitat by reducing sediment loads from erosion.	
39	Pohick Middle Run	LID Greenroof	Construct a LID water quality greenroof facility at the Pohick Regional Library. This area will be designed to reduce the directly connected impervious area, and provide a buffer for nutrient removal.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
40	Pohick Middle Run	Pavement Retrofit	Impervious pavement removal and retrofit to pervious pavers at the School of the Nativity (Church)	Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area.	
41	Upper Pohick Creek	Obstruction Removal	Removal of obstructions blocking stream channel and restoration of natural conditions.	Removal of obstructions will help restore the natural shape and function of the stream.	
42	Upper Pohick Creek	Pond	Construct a new dry, off-stream BMP pond designed to control the discharge into the stream by reducing peak flows from the upstream areas. The pond would provide storage as well as water quality treatment.	This project would construct a new dry pond to control the discharge into the stream by reducing the peak flows from the upstream area developed prior to stormwater management.	
43	Upper Pohick Creek	Stream Buffer Repair	Repair the stream buffer and increase the quality of habitat and vegatation along the stream reach.	Minor improvements to water quality will occur due to shading and cooler temperatures. Improved buffer should help to reduce nutrients entering stream from overland flow.	
44	Middle Pohick Creek	Stream Buffer Repair	Repair the stream buffer and increase the quality of habitat and vegatation along the stream reach.	Minor improvements to water quality will occur due to shading and cooler temperatures. Improved buffer should help to reduce nutrients entering stream from overland flow.	
45	Upper Pohick Creek	Stream Restoration	Restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel.	Restoring the pattern, dimension, and profile of the stream will reduce stress on the banks and reduce erosion. Regrading and armoring the banks will reduce instability and erosion caused by failure of the vertical stream banks	
46	Pohick Middle	Stream Restoration	Restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel.	Water quality will be improved by a significant reduction in stream velocity and future bank and bed erosion.	
47	Upper Pohick Creek	Stream Restoration	Restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel.	Restoring the pattern, dimension, and profile of the stream will reduce stress on the banks and reduce erosion. Regrading and armoring the banks will reduce instability and erosion caused by failure of the vertical stream banks	
48	Pohick Middle	Outfall Retrofit/Wetlan	Repair outfall protection and provide a wetland habitat retrofit at specific outfall locations.	Reduce velocity from the outfalls and help reduce erosive potential immediately downstream and inprove habitat by reducing sediment loads from erosion.	

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50	Pohick Middle	Stream Buffer Repair	Repair the stream buffer and increase the quality of habitat and vegatation along the stream reach.	Minor improvements to water quality will occur due to shading and cooler temperatures. Improved buffer should help to reduce nutrients entering stream from overland flow.	
51	Sideburn Branch	Stream Buffer Repair	repair the stream buffer and increase the quality of habitat and vegatation along the stream reach.	Minor improvements to water quality will occur due to shading and cooler temperatures. Improved buffer should help to reduce nutrients entering stream from overland flow.	
52	Sideburn Branch	Pond	Construct a new dry, off-stream BMP pond designed to control the discharge into the stream by reducing peak flows from the upstream areas. The pond would provide storage as well as water quality treatment.	Peak flow rates would be reduced by this project. A variety of water quality components are proposed to improve pollutant removal performance	
53	Upper Pohick Creek	Stream Buffer Repair	Repair the stream buffer and increase the quality of habitat and vegatation along the stream reach.	Minor improvements to water quality will occur due to shading and cooler temperatures. Improved buffer should help to reduce nutrients entering stream from overland flow.	
54	Sideburn Branch	Wetland Habitat	Construct a new, off-stream wetland area designed to increase the biodiversity of the local habitat.	Increase in shade, detritus, woody plant material and cooler water temperatures will improve habitat. Reduced velocities and aquatic plants will help with nutrient uptake	
55	Sideburn Branch	Stream Buffer Repair	Repair the stream buffer and increase the quality of habitat and vegatation along the stream reach.	Increase in shade, detritus, woody plant material and cooler water temperatures will improve habitat.	
56	Sideburn Branch	Pond	Construct a new dry, off-stream BMP pond designed to control the discharge into the stream by reducing peak flows from the upstream areas. The pond would provide storage as well as water quality treatment.	Peak flow rates would be reduced by this project. A variety of water quality components are proposed to improve pollutant removal performance	
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59	Sideburn Branch	Outfall Retrofit/Wetlan	Repair outfall protection and provide a wetland habitat retrofit at specific outfall locations.	Reduce velocity from the outfalls and help reduce erosive potential immediately downstream and inprove habitat by reducing sediment loads from erosion.	
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70	Sideburn Branch	Outfall Retrofit/Wetlan	Repair outfall protection and provide a wetland habitat retrofit at specific outfall locations.	Reduce velocity from the outfalls and help reduce erosive potential immediately downstream and inprove habitat by reducing sediment loads from erosion.	
71	Sideburn Branch	Pond	Construct a new dry, off-stream BMP pond designed to control the discharge into the stream by reducing peak flows from the upstream areas. The pond would provide storage as well as water quality treatment.	This project would construct a new dry pond to control the discharge into the stream by reducing the peak flows from the upstream area developed prior to stormwater management.	
72	Upper Pohick Creek	Stream Restoration	Restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel.	Restoring the pattern, dimension, and profile of the stream will reduce stress on the banks and reduce erosion. Regrading and armoring the banks will reduce instability and erosion caused by failure of the vertical stream banks	

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73	Rabbit Branch	Pond	Construct a new dry, off-stream BMP pond designed to control the discharge into the stream by reducing peak flows from the upstream areas. The pond would provide storage as well as water quality treatment.	Peak flow rates would be reduced by this project. A variety of water quality components are proposed to improve pollutant removal performance	
74	Upper Pohick Creek	Stream Buffer Repair	Repair the stream buffer and increase the quality of habitat and vegatation along the stream reach.	Minor improvements to water quality will occur due to shading and cooler temperatures. Improved buffer should help to reduce nutrients entering stream from overland flow.	
75	Sideburn Branch	Stream Restoration	Restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel.	Restoring the pattern, dimension, and profile of the stream will reduce stress on the banks and reduce erosion. Regrading and armoring the banks will reduce instability and erosion caused by failure of the vertical stream banks	
76	Sideburn Branch	Wetland Habitat	Construct a new, off-stream wetland area designed to increase the biodiversity of the local habitat.	Increase in shade, detritus, woody plant material and cooler water temperatures will improve habitat. Reduced velocities and aquatic plants will help with nutrient uptake	
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85	Rabbit Branch	LID Greenroof	Construct a LID water quality greenroof facility at the Laurel Hill Center. This area will be designed to reduce the directly connected impervious area, and provide a buffer for nutrient removal.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
86	Rabbit Branch	Pond	Construct a new dry, off-stream BMP pond designed to control the discharge into the stream by reducing peak flows from the upstream areas. The pond would provide storage as well as water quality treatment.	Peak flow rates would be reduced by this project. A variety of water quality components are proposed to improve pollutant removal performance	
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88	Rabbit Branch	LID Bioretention	Construct a LID water quality bioretention facility at the Laurel Hill Center. This area will be designed to reduce the directly connected impervious area and give overland flow a better buffer for nutrient removal.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
89	Sideburn Branch	Stream Buffer Repair	Repair the stream buffer and increase the quality of habitat and vegatation along the stream reach.	Increase in shade, detritus, woody plant material and cooler water temperatures will improve habitat.	
90	Rabbit Branch	LID Greenroof	Construct a LID water quality greenroof facility at the Robinson Secondary School. This area will be designed to reduce the directly connected impervious area, and provide a buffer for nutrient removal.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
91	Rabbit Branch	Stream Buffer Repair	Repair the stream buffer and increase the quality of habitat and vegatation along the stream reach.	Minor improvements to water quality will occur due to shading and cooler temperatures. Improved buffer should help to reduce nutrients entering stream from overland flow.	
92	Sideburn Branch	Stream Restoration	Restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel.	Restoring the pattern, dimension, and profile of the stream will reduce stress on the banks and reduce erosion. Regrading and armoring the banks will reduce instability and erosion caused by failure of the vertical stream banks	
93	Rabbit Branch	Pavement Retrofit	Impervious pavement removal and retrofit to pervious pavers at the at the Robinson Secondary School	Improve water quality and reduce the amount of runoff through infiltration and reduction of impervious area.	
94	Sideburn Branch	Stream Restoration	Restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel.	Restoring the pattern, dimension, and profile of the stream will reduce stress on the banks and reduce erosion. Regrading and armoring the banks will reduce instability and erosion caused by failure of the vertical stream banks	

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100	Rabbit Branch	Pond Retrofit	Retrofit the existing TBD pond to be designed for BMP water quality practices. This pond will be designed to remove phosphorous and other nutrients from the water.	Improve water quality benefits though filtration and nutrient uptake and reduce volume and peak runoff rates.	
101	Rabbit Branch	Stream Restoration	Restore the stream channel morphology. The restoration will reduce downstream erosive velocities, increase aquatic habitat areas, and provide localized stability to the stream channel.	Restoring the pattern, dimension, and profile of the stream will reduce stress on the banks and reduce erosion. Regrading and armoring the banks will reduce instability and erosion caused by failure of the vertical stream banks	
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