

Watershed Management Plan

Project Name	Project Type	Watershed	Length	Area Treated (Ac)	Impervious Area (Ac)	Pervious Area (Ac)	Forested Area (Ac)	Reduction TN	Reduction TP	Reduction TSS	Downstream Channel Condition	Feasibility for Implementation	Estimated Cost	Priority
Powells Creek Phase 2	Stream Restoration	Powells Creek	4,400					369	151	425,114	Good	Good	\$8,400,000	1
SWM Facility #62 Retrofit	Stormwater Retrofit	Occoquan River		20.2	3.3	6.7	10.4	11	1	3,952	Good	Good	\$345,000	2
Chinn Park - SWM Facility #5749 Retrofit	Stormwater Retrofit	Occoquan River		154.8	26.2	30.6	98.0	201	25	5,895	Good	Good	\$750,000	3
Chinn Park - Stream	Stream Restoration	Occoquan River	1,575					407	106	1,443,560		Good	\$2,520,000	4
SWM Facility #416 Retrofit	Stormwater Retrofit	Bull Run		119.8	33.8	65.7	20.3	285	36	27,611	Good	Good	\$850,000	5
Middle Dewey's Phase 1	Stream Restoration	Quantico Creek	3,903					519	173	174,854		TBD	\$6,244,800	6
Lake Drive Outfall Restoration	Outfall Stabilization	Bull Run	500					38	34	22,205		TBD	\$500,000	7
SWM Facility #460 Retrofit	Stormwater Retrofit	Broad Run		34.5	13.6	14.3	6.6	95	13	6,214	Good	Good	\$335,960	8
SWM Facility #521 Retrofit	Stormwater Retrofit	Broad Run		68.1	25.6	30.3	12.1	151	22	7,868	Good	Good	\$385,100	9
Upper Dewey's Phase 1	Stream Restoration	Quantico Creek	6,226					6,696	758	2,823,916		TBD	\$9,957,400	10
SWM Facility #132 Retrofit	Stormwater Retrofit	Neabsco Creek		17.8	3.2	13.1	1.5	32	1	3,268	Good	Good	\$356,000	11
SWM Facility #10 Retrofit	Stormwater Retrofit	Occoquan River		122.3	11.3	95.7	95.7	288	19	15,991	Good	Good	\$505,940	12
Cow Branch Phase 4	Stream Restoration	Neabsco Creek	3,340					251	227	149,899		TBD	\$5,344,000	13
SWM Facility #79 Retrofit	Stormwater Retrofit	Occoquan River		98.1	10.8	24.7	62.3	263	19	15,133	Good	Good	\$536,250	14
Upper Dewey's Phase 2	Stream Restoration	Quantico Creek	2,354					4,528	513	1,909,522		TBD	\$8,420,000	15
Mayhew Park Stream Restoration	Stream Restoration	Bull Run	2,000					150	136	89,760		TBD	\$4,400,000	16
Middle Dewey's Phase 2	Stream Restoration	Quantico Creek	3,600					270	245	161,568		TBD	\$6,750,000	17
Little Creek - SWM Retrofits	Stormwater Retrofit	Quantico Creek		36.3	10.9	25.4	0.0	110	13	6,231	TBD	TBD	\$3,622,500	18
Little Creek - Upper	Stream Restoration	Quantico Creek	TBD					1,213	448	130,220		TBD	\$4,387,500	19
Leesylvania Living Shoreline Phase 2	Living Shoreline	Potomac River	1,000					52	5	14,047		Good	\$1,600,000	20
Quantico Living Shoreline	Living Shoreline	Potomac River	TBD					52	5	14,047		TBD	\$1,200,000	21
Occoquan Bay Living Shoreline	Living Shoreline	Potomac River	TBD					156	15	42,141		TBD	\$2,500,000	22
Little Creek - Lower	Stream Restoration	Quantico Creek	TBD					TBD	TBD	TBD		TBD	\$5,000,000	23
Powells Creek Phase 3	Stream Restoration	Powells Creek	TBD					150	136	89,760		TBD	\$3,200,000	24
Powells Creek Phase 4	Stream Restoration	Powells Creek	TBD					150	136	89,760		TBD	\$3,500,000	25
Ben Lomond Park Area E (Cricket Field)	Land Use Change	Bull Run						21	1	399		Good	\$100,000	26