

County CIP Urban Stormwater Retrofit Projects Completed and Proposed in Bacteria TMDL Watersheds, 2012 - 2025

Restoration BMP ID	TMDL Watershed	Project Description	Existing Project Type	Proposed Project Type	Drainage Area (Acres)	Impervious Area (Acres)	Rainfall Depth (Inches)	Year of Completion	Projected Year of Completion
AA14RST000098	Magothy River Mainstem	Longfellow Drive Pond Retrofit	Extended Detention Structure, Dry	Wet Pond	17.6	4.4	0.39	2014	
AA14RST000099	Magothy River Mainstem	Copperwood Ct Pond Retrofit #2		SPSD	7.6	2.9	0.04	2014	
AA14RST000100	Magothy River Mainstem	Copperwood Ct Pond Retrofit	Wet Pond	Wet Pond	7.6	2.9	0.42	2013	
AA14RST000101	Magothy River Mainstem	Sylvan Ave Pond Retrofit	Extended Detention Structure, Dry	Wet Pond	10.4	4.7	0.48	2014	
AA14RST000102	Magothy River Mainstem	Lahinch Dr SWM Pond Retrofit	Extended Detention Structure, Dry	Wet Pond	35	7.7	0.48	2014	
AA14RST000103	Magothy River Mainstem	Tarks Lane Pond Retrofit	Pond Wetland System	Wet Pond	25.9	5.5	0.59	2014	
AA14RST000105	Magothy River Mainstem	Collington Court Pond Retrofit	Detention Structure (Dry Pond)	Wet Pond	37.4	6.8	0.34	2014	
AA14RST000106	Magothy River Mainstem	Mayfield Rd and Gladnor Rd Pond Retrofit	Detention Structure (Dry Pond)	Wet Pond	6.2	2.7	1.2	2014	
AA14RST000107	Magothy River Mainstem	Amesbury Ct. Pond Retrofit	Pond Wetland System	Wet Pond	35.5	4.9	0.53	2014	
AA14RST000108	Magothy River Mainstem	Longfellow Drive Pond Retrofit #2		SPSD	17.6	4.4	0.03	2014	
AA15RST000085	Magothy River Mainstem	Earleigh Heights Rd at B&A Trail Pond Retrofit	Wet Extended Detention Pond	Wet Pond	12.9	3.7	2.75	2014	
AA15RST000086	Magothy River Mainstem	Evon Ct Pond Retrofit	Detention Structure (Dry Pond)	Wet Pond	8.9	2.9	3.63	2014	
AA15RST000087	Magothy River Mainstem	Colleen Garden/Severndale GST Pond Retrofit	Infiltration Trench	Wet Pond	21.1	5.6	0.15	2015	
AA15RST000088	Magothy River Mainstem	Colleen Garden Ln Pond Retrofit	Detention Structure (Dry Pond)	Wet Pond	3	1.1	0.55	2015	
AA15RST000089	Magothy River Mainstem	Waycross Way Pond Retrofit	Pond Wetland System	Wet Pond	45.5	12.8	0.62	2014	
AA15RST000091	Magothy River Mainstem	244 Kennedy Drive Pond Retrofit	Infiltration Basin	Wet Pond	2.3	0.9	1.33	2015	
AA15RST000094	Magothy River Mainstem	109 Chelsea Grove Ct Pond Retrofit	Detention Structure (Dry Pond)	Wet Pond	13.1	2.8	0.39	2015	
AA15RST000096	Magothy River Mainstem	Finnegan Dr Pond Retrofit	Infiltration Basin	Wet Pond	7.2	2.2	1.52	2014	
AA16RST000017	Magothy River Mainstem	8013 Tick Neck Road Pond Retrofit	Extended Detention Structure, Dry	Wet Pond	52.7	23.1	0.13	2015	
AA16RST000018	Magothy River Mainstem	603 Deering Road Pond Retrofit	Wet Extended Detention Pond	Wet Pond	50.1	23.1	0.51	2015	
AA16RST000027	Magothy River Mainstem	725 Bridge Drive Pond Retrofit	Extended Detention Structure, Dry	Wet Pond	3.9	1.1	1.46	2016	

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AA16RST000031	Magothy River Mainstem	Dividing Creek AACC Pond Retrofit #1	Extended Detention Structure, Dry	Wet Pond	15.1	12.8	1	2016	
AA16RST000032	Magothy River Mainstem	Dividing Creek AACC Pond Retrofit #2	Infiltration Trench	Bioretention	7.7	6.6	0.39	2016	
AA16RST000033	Magothy River Mainstem	Grosvenor Lane Bioretention		Bioretention	4.1	0.6	0.32	2015	
AA16RST000085	Magothy River Mainstem	Will O Brooke Drive Outfall Stabilization		SPSD	4.7	1.5	8.8	2017	
AA16RST000086	Magothy River Mainstem	Pinewood Road Storm Drain SPSC		SPSD	29.7	7.8	1.4	2017	
AA17RST000015	Magothy River Mainstem	Randell Road Bioretention (Round Bay Community)		Rain Gardens	1.5	0.4	0.25	2014	
AA17RST000033	Magothy River Mainstem	Cypress Creek Recreation Bioretention		Bioretention	0.8	0.4	1.01	2012	
AA17RST000034	Magothy River Mainstem	Cypress Creek Park and Ride Bioretention		Bioretention	6.5	3.8	1	2012	
AA17RST000049	Magothy River Mainstem	Dunkeld Manor SWM Retrofit	Infiltration Basin	SPSD	18.3	7.6	0.5	2013	
AA18RST000020	Magothy River Mainstem	Twin Harbors HOA Bioretention		Bioretention	0.2	0.1	2.29	2018	
AA18RST000035	Magothy River Mainstem	Wee Lad and Lassie Bioretention		Bioretention	1.2	0.2	1.26	2017	
AA18RST000042	Magothy River Mainstem	Berrywood Community Bioretention and Swale		Bio-Swale	3.5	1	2.23	2019	
AA19RST000002	Magothy River Mainstem	Barrensdale Outfall Restoration - SPSC	Detention Structure (Dry Pond)	SPSD	22.5	7.9	3.5	2019	
AA19RST000013	Magothy River Mainstem	Farmington Village, Schramms, Bell Tower Retrofit	Wet Extended Detention Pond	Wet Extended Detention Pond	59.4	21.5	2.33	2021	
AA19RST000014	Magothy River Mainstem	North Star Drive Pond Retrofit	Wet Extended Detention Pond	Wet Extended Detention Pond	156.6	46.8	1.72	2021	
AA20RST000011	Magothy River Mainstem	14 Linda Lane Infiltration Trench		Infiltration Trench	0.3	0.1	3.7	2018	
AA17RST000024	Magothy River Mainstem	Upper Mill Creek Stream Restoration BMP 824	Detention Structure (Dry Pond)	SPSD	22.6	4.5	1.21		2025
AA18RST000047	Magothy River Mainstem	Harting Farm Pond 1 Retrofit	Wet Pond	Wet Extended Detention Pond	59	18.6	0.59		2025
AA18RST000048	Magothy River Mainstem	Harting Farm Pond 2 Retrofit	Wet Pond	Wet Extended Detention Pond	23	7.5	9.57		2025
AA18RST000049	Magothy River Mainstem	Harting Farm Pond 3 Retrofit	Wet Pond	Wet Extended Detention Pond	1.9	0.2	20.49		2025
AA19RST000015	Magothy River Mainstem	Walmart Pond Retrofit - Ritchie Hwy	Detention Structure (Dry Pond)	Wet Extended Detention Pond	19.1	14.2	1.06		2024
AA18RST000023	Magothy River/Forked Creek	Forked Creek Outfall Retrofit - U15O002		SPSD	65.1	5.1	1.27	2022	

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AA20RST000008	Magothy River/Forked Creek	Ulmstead Community Park Rain Garden A		Rain Gardens	0.1	0.1	2.39	2020	
AA20RST000009	Magothy River/Forked Creek	Ulmstead Community Park Rain Garden B		Rain Gardens	0.1	0	2.34	2020	
AA20RST000010	Magothy River/Forked Creek	Ulmstead Community Park Rain Garden C		Rain Gardens	0.1	0.1	2.11	2020	
AA20RST000012	Magothy River/Tar Cove	Heilman Property SPSC		SPSD	3.7	0.7	1.2	2019	
AA16RST000011	Patapsco River Lower North Branch	Jerome Avenue Pond Retrofit	Extended Detention Structure, Dry	Infiltration Basin	4.6	1.5	1.56	2015	
AA16RST000020	Patapsco River Lower North Branch	Musical Way Pond Retrofit	Wet Extended Detention Pond	Infiltration Basin	16.8	3.8	0.6	2015	
AA16RST000024	Patapsco River Lower North Branch	Severn Road / Carriage Drive Pond Retrofit	Extended Detention Structure, Dry	Wet Pond	11.2	4.8	0.76	2015	
AA16RST000030	Patapsco River Lower North Branch	806 Central Ave (Linthicum) Pond Retrofit	Wet Extended Detention Pond	Wet Pond	1.5	1	0.38	2015	
AA16RST000047	Patapsco River Lower North Branch	Groveland Road Pond Retrofit	Detention Structure (Dry Pond)	Infiltration Basin	12.4	3.8	0.97	2019	
AA16RST000060	Patapsco River Lower North Branch	Gesna Dr Retrofit Harmans Woods #2 BMP 803	Detention Structure (Dry Pond)	Shallow Marsh	30.5	11.8	0.78	2020	
AA16RST000061	Patapsco River Lower North Branch	Tuckerman Dr Retrofit	Detention Structure (Dry Pond)	ED Shallow Wetland	92.6	22.2	1.28	2019	
AA16RST000062	Patapsco River Lower North Branch	Fairbanks Dr Retrofit	Detention Structure (Dry Pond)	Shallow Marsh	14.4	6.3	0.7	2019	
AA16RST000066	Patapsco River Lower North Branch	Ridge Commons Blvd Retrofit	Extended Detention Structure, Dry	Wet Extended Detention Pond	24.1	10.6	2.6	2019	
AA16RST000075	Patapsco River Lower North Branch	Northrup Grumman Bioswale 1		Bio-Swale	0.6	0.6	0.65	2016	
AA16RST000078	Patapsco River Lower North Branch	Northrup Grumman Pervious Pavement 1		Permeable Pavements	1	0.8	1.36	2016	
AA16RST000079	Patapsco River Lower North Branch	Northrup Grumman Pervious Pavement 3A-2		Permeable Pavements	1.5	1.2	1.21	2016	
AA16RST000080	Patapsco River Lower North Branch	Northrup Grumman Pervious Pavement 3B		Permeable Pavements	1.3	1.2	1.5	2016	
AA16RST000081	Patapsco River Lower North Branch	Northrup Grumman Pervious Pavement 2		Permeable Pavements	0.5	0.5	0.66	2016	

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AA17RST000001	Patapsco River Lower North Branch	Riverside Park Stormwater Management Retrofit		SPSD	8.7	4.8	1.01	2022	
AA17RST000002	Patapsco River Lower North Branch	Chesapeake Arts Center Stormwater Management Retro		Infiltration Trench	4.1	2.6	1	2022	
AA17RST000030	Patapsco River Lower North Branch	Northrop Grumman ESD Pervious Pavement 3A-1		Permeable Pavements	1.5	1.2	2.08	2016	
AA17RST000031	Patapsco River Lower North Branch	Northrop Grumman ESD Raingarden		Rain Gardens	0	0	12.9	2016	
AA17RST000035	Patapsco River Lower North Branch	Peach Orchard SWM Retrofit	Wet Extended Detention Pond	Wet Pond	43.7	10.9	1	2013	
AA18RST000005	Patapsco River Lower North Branch	Walmart Arundel Mills Pond Opti Retrofit	Wet Pond	Wet Pond	33.8	26.8	2.6	2018	
AA18RST000010	Patapsco River Lower North Branch	Arundel Mills Ltd Partnership CMAC Pond Retrofit	Wet Pond	Wet Pond	196.7	159.7	2.6	2018	
AA16RST000064	Patapsco River Lower North Branch	Green Moss Glen Retrofit Andorick Acres	Detention Structure (Dry Pond)	Surface Sand Filter	23.4	7.2	0.66		2023
AA17RST000022	Patapsco River Lower North Branch	Maritime Institute (Maritime Blvd) Pond Retrofit	Detention Structure (Dry Pond)	SPSD	17.5	9.2	0.85		2023
AA18RST000018	Patapsco River Lower North Branch	International Drive Pond Retrofit	Detention Structure (Dry Pond)	Pond Wetland System	137.3	74.3	0.19		2023
AA18RST000022	Patapsco River Lower North Branch	Concorde Circle Dry Pond Retrofit	Detention Structure (Dry Pond)	SPSD	63.3	15.1	2.22		2024
AA19RST000011	Patapsco River Lower North Branch	601-611 Hammonds Ferry Road North Pond Retrofit	Detention Structure (Dry Pond)	Surface Sand Filter	43.2	20.7	1.09		2023
AA22RST000001	Patapsco River Lower North Branch	(SR-06) Patapsco-Untd Trib Ntd OT Ph3		SPSD	23.9	3.4	1.14		2023
AA16RST000014	Patapsco River/Furnace Creek	Lochaber Court Pond Retrofit	Extended Detention Structure, Dry	Wet Pond	14.6	3.4	0.85	2015	
AA16RST000025	Patapsco River/Furnace Creek	McNeil Court Pond Retrofit	Extended Detention Structure, Dry	Wet Pond	8.2	3.1	1.15	2015	
AA16RST000041	Patapsco River/Furnace Creek	Chalmers Ave Wistful Vista Pond Retrofit	Detention Structure (Dry Pond)	Infiltration Basin	19	5.3	2.6	2017	
AA16RST000044	Patapsco River/Furnace Creek	Towering Oaks Court Pond Retrofit 874	Detention Structure (Dry Pond)	Wet Extended Detention Pond	8	3.2	2.6	2018	
AA16RST000045	Patapsco River/Furnace Creek	Baby Baer Court Pond Retrofit	Detention Structure (Dry Pond)	Infiltration Basin	11.4	3.2	2.5	2016	

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AA16RST000072	Patapsco River/Furnace Creek	Juneberry Way Pond Retrofit - SPSC Oakleaf Villa	Detention Structure (Dry Pond)	SPSD	5.4	3.1	0.96	2016	
AA17RST000023	Patapsco River/Furnace Creek	Sawmill Hollins Ferry RD Pond Retrofit BMP 190	Detention Structure (Dry Pond)	Infiltration Basin	32.1	19.4	2.6	2018	
AA18RST000028	Patapsco River/Furnace Creek	Sawmill Creek Cromwell Elementary Bioretention #1		Bioretention	10	3.8	1	2021	
AA18RST000030	Patapsco River/Furnace Creek	Sawmill Creek Cromwell Elementary Vortechs Unit #1		Other	9.2	3.6	0	2021	
AA17RST000005	Patapsco River/Furnace Creek	Heritage Hills Back Creek Phase 2 Retrofits	Detention Structure (Dry Pond)	SPSD	9.5	4.1	1.41		2023
AA17RST000007	Patapsco River/Furnace Creek	Heritage Hills Back Creek Phase 2 Retrofits		Infiltration Berm	8.7	5.1	1.46		2023
AA19RST000001	Patapsco River/Furnace Creek	Sawmill Creek Phase I Muddy Bridge Branch SPSC		SPSD	105.1	34.7	0.07		2023
AA19RST000010	Patapsco River/Furnace Creek	Cromwell Fountain Pond Repair	Wet Extended Detention Pond	Wet Extended Detention Pond	62.4	32.6	2.62		2023
AA16RST000016	Patapsco River/Marley Creek	Hospital Drive Pond #3 SWM Retrofit SPSC	Extended Detention Structure, Dry	SPSD	31.7	15.8	0.93	2015	
AA16RST000034	Patapsco River/Marley Creek	Sun Valley Condos Pond Retrofit	Extended Detention Structure, Dry	SPSD	5.5	1.8	0.42	2016	
AA16RST000054	Patapsco River/Marley Creek	Hospital Drive / Foxwell Bend Pond Retrofit 2595	Extended Detention Structure, Dry	Wet Extended Detention Pond	30.1	11.3	1.84	2017	
AA16RST000055	Patapsco River/Marley Creek	Fox Cub Court Pond Retrofit	Wet Extended Detention Pond	Wet Extended Detention Pond	16.2	6.7	2.34	2017	
AA16RST000082	Patapsco River/Marley Creek	Hospital Drive Pond 2 Retrofit SPSC	Extended Detention Structure, Dry	SPSD	13	5.8	0.67	2017	
AA17RST000010	Patapsco River/Marley Creek	Mill Race Pond Retrofit	Detention Structure (Dry Pond)	Pond Wetland System	46.8	14.5	2.14	2019	
AA17RST000012	Patapsco River/Marley Creek	Empowering Believers Church Rain Garden 6		Rain Gardens	0.2	0.2	2.48	2016	
AA17RST000013	Patapsco River/Marley Creek	Empowering Believers Church Rain Garden 2		Rain Gardens	0.5	0.5	1	2016	
AA17RST000014	Patapsco River/Marley Creek	Empowering Believers Church Rain Garden 1		Rain Gardens	0.3	0.3	0.99	2016	
AA17RST000050	Patapsco River/Marley Creek	Grays Luck SWMP Retrofit	Detention Structure (Dry Pond)	SPSD	41.9	8.4	0.5	2017	

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AA19RST000012	Patapsco River/Marley Creek	Mill Pond Stormwater Management Retrofit	Detention Structure (Dry Pond)	ED Shallow Wetland	21.8	9.1	1.06		2023
AA21RST000007	Patapsco River/Marley Creek	Marley Creek Strm Rstn - Supp. Reach 2 - SPSC		SPSD	13.1	5	3.73		2028
AA21RST000008	Patapsco River/Marley Creek	R.P. Eason School Extended Detention Wetland		ED Shallow Wetland	20.5	8.9	1		2023
AA21RST000009	Patapsco River/Marley Creek	Marley Creek - Old Mill Branch (4842)	Detention Structure (Dry Pond)	ED Shallow Wetland	22.2	8.7	1		2023
AA15RST000092	Severn River Mainstem	Knollwood Road Outfall		SPSD	9.5	2.5	1.04	2016	
AA15RST000093	Severn River Mainstem	Western District Police Station	Detention Structure (Dry Pond)	Wet Pond	2.3	1.4	1.71	2015	
AA15RST000097	Severn River Mainstem	Wetherfield Pond SWM Retrofit	Detention Structure (Dry Pond)	Wet Pond	16.5	4.8	1	2014	
AA15RST000098	Severn River Mainstem	Denington Lane Outfall		SPSD	122.4	38.2	0.5	2016	
AA15RST000101	Severn River Mainstem	Old Bay Ridge Rd/Abandoned RR Embankment Sinkhole		SPSD	126.6	20.1	0.03	2015	
AA15RST000102	Severn River Mainstem	Olde Severna Park Outfall Retrofit Birch Court		SPSD	37.8	15.9	0.5	2015	
AA16RST000012	Severn River Mainstem	1275 Odenton Road Retrofit O'Malley Senior Center	Detention Structure (Dry Pond)	Wet Pond	3.4	1	0.92	2016	
AA16RST000040	Severn River Mainstem	Valentine Creek SWM Retrofit	Detention Structure (Dry Pond)	ED Shallow Wetland	34.9	3.3	1.65	2017	
AA16RST000067	Severn River Mainstem	Pasture Brook Rd Retrofit New Cut Farms	Detention Structure (Dry Pond)	ED Shallow Wetland	49.4	13	1.01	2017	
AA16RST000073	Severn River Mainstem	Maryland Therapeutic Riding Center SPSC		SPSD	26.6	2.4	2.49	2015	
AA16RST000088	Severn River Mainstem	Buttonwood Trail Outfall Repair SPSC		SPSD	8.5	3.3	0.49	2015	
AA16RST000090	Severn River Mainstem	Picture Spring Branch Outfall Restoration		SPSD	24.3	1.7	0.5	2016	
AA17RST000016	Severn River Mainstem	Coventry Court Dry Channel RSC- Category 2		SPSD	2.4	1.5	0.29	2017	
AA17RST000017	Severn River Mainstem	Herald Harbor Bonaparte RD #2 CPO		SPSD	17.6	4.9	0.05	2016	
AA17RST000018	Severn River Mainstem	Winchester on the Severn Dry Channel RSC		SPSD	18.1	4.4	0.35	2017	
AA17RST000025	Severn River Mainstem	Sappington Hill Pond Retrofit	Wet Extended Detention Pond	Wet Pond	15.3	3.7	1.83	2016	
AA17RST000026	Severn River Mainstem	Fairfield Drive Pond Retrofit Patuxent Glen	Wet Pond	Wet Extended Detention Pond	25.3	7.6	0.44	2016	

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AA17RST000027	Severn River Mainstem	Dellwood Court Outfall Sand Filter		Surface Sand Filter	1.3	0.3	1.59	2017	
AA17RST000028	Severn River Mainstem	Dellwood Court Outfall Bioretention		Bioretention	3.9	0.5	0.45	2016	
AA17RST000029	Severn River Mainstem	Dellwood Court Infiltration Trench		Infiltration Trench	0.6	0.3	0.7	2017	
AA17RST000051	Severn River Mainstem	Windswept Estates Pond Retrofit	Infiltration Basin	SPSD	15.5	6	1.79	2014	
AA18RST000001	Severn River Mainstem	Jabez SWM BMP 33 Retrofit	Shallow Marsh	Shallow Marsh	119	12.6	1	2018	
AA18RST000019	Severn River Mainstem	Sappington Hill BMP 1280 Pond Retrofit	Wet Extended Detention Pond	Wet Pond	31.3	7.9	1.14	2019	
AA18RST000053	Severn River Mainstem	Seven Oaks BMP 341	Wet Extended Detention Pond	Wet Extended Detention Pond	438	99.6	0.5	2018	
AA19RST000018	Severn River Mainstem	Epping Forest Stormwater BMPs - Gravel Wetland 1		Submerged Gravel Wetland	0.5	0.3	0.9	2020	
AA19RST000019	Severn River Mainstem	Epping Forest Stormwater BMPs - Gravel Wetland 2		Submerged Gravel Wetland	3.8	1.6	0.44	2020	
AA20RST000004	Severn River Mainstem	Circle Drive Dry Channel RSC		SPSD	9.1	2.3	2.35	2020	
AA21RST000012	Severn River Mainstem	Mayapple ARPOA Infiltration Berm 1		Infiltration Berm	1.2	0.1	1	2021	
AA21RST000013	Severn River Mainstem	Mayapple ARPOA Infiltration Berm 2		Infiltration Berm	0.4	0.1	1	2021	
AA21RST000014	Severn River Mainstem	Mayapple ARPOA Infiltration Berm 3		Infiltration Berm	1	0.2	1	2021	
AA17RST000011	Severn River Mainstem	Lakeland Road Outfall Stabilization	Dry Swale	SPSD	44.9	13.1	2.17		2024
AA20RST000002	Severn River Mainstem	Millersville Post Office Pond Retrofit		Wet Extended Detention Pond	90.2	46.4	1.01		2024
AA21RST000010	Severn River Mainstem	North Fork Bear Branch Stream Rest SPSC (M110019)		SPSD	18.2	5.7	1.62		2025
AA22RST000003	Severn River Mainstem	North Jabez Gully RSC		SPSD	9.7	0.1	0		2026
AA16RST000019	Severn River/Mill Creek	Comanche Rd Retrofit Glen Eden 763	Infiltration Basin	Wet Pond	13	2.6	0.66	2015	
AA16RST000021	Severn River/Mill Creek	Old Sturbridge Rd Retrofit 866	Infiltration Basin	Wet Pond	7.7	1.5	0.81	2015	
AA16RST000022	Severn River/Mill Creek	Nickerson Way Retrofit 867	Infiltration Basin	Wet Pond	3.7	0.8	1.1	2015	
AA19RST000007	Severn River/Mill Creek	Kingsberry Drive SPSC 1		SPSD	32.1	4.9	0.2	2020	
AA19RST000008	Severn River/Mill Creek	Kingsberry Drive SPSC 2		SPSD	14.1	0.7	3.89	2020	
AA19RST000009	Severn River/Mill Creek	Kingsberry Drive Wetlands		ED Shallow Wetland	46	4	0.45	2020	
AA20RST000006	Severn River/Mill Creek	Burley Creek Community Rain Garden		Rain Gardens	3.3	0.8	0.02	2016	
AA16RST000058	Severn River/Whitehall and Meredith Creeks	Pennington Ln South Retrofit	Extended Detention Structure, Dry	SPSD	24.2	4.7	1	2017	
AA18RST000044	Severn River/Whitehall and Meredith Creeks	Asbury Broadneck United Methodist Church - SPSC		SPSD	21.2	3.5	0.14	2019	

County CIP Urban Stormwater Retrofit Projects Completed and Proposed in Bacteria TMDL Watersheds, 2012 - 2025

Restoration BMP ID	TMDL Watershed	Project Description	Existing Project Type	Proposed Project Type	Drainage Area (Acres)	Impervious Area (Acres)	Rainfall Depth (Inches)	Year of Completion	Projected Year of Completion
AA20RST000007	Severn River/Whitehall and Meredith Creeks	St Dixon Farm SPSC		SPSD	15.1	0.7	3.18	2021	
AA15RST000095	South River Mainstem	Dillon Court Pond Retrofit	Detention Structure (Dry Pond)	Wet Pond	15.2	2.8	1.25	2015	
AA16RST000001	South River Mainstem	Preserve at Broad Creek Pond Retrofit - SPSC	Extended Detention Structure, Dry	SPSD	11	4.6	0.74	2015	
AA16RST000008	South River Mainstem	Historic London Town Step Pools and Rain Garden		Rain Gardens	0.7	0.5	0.99	2013	
AA16RST000013	South River Mainstem	St Andrews Pond Retrofit	Extended Detention Structure, Dry	Multiple Pond	8	2.5	2.5	2016	
AA16RST000028	South River Mainstem	Loch Haven Manor Pond	Extended Detention Structure, Dry	Wet Pond	8.3	2.2	1.56	2015	
AA16RST000035	South River Mainstem	Wordsworth Dr Retrofit 641	Wet Pond	Wet Pond	69.7	27.1	2.46	2017	
AA16RST000038	South River Mainstem	Sharpsburg Dr Retrofit	Detention Structure (Dry Pond)	Wet Pond	33	4	1.7	2016	
AA16RST000039	South River Mainstem	Annapolis Harbour Center Pond Retrofit	Wet Pond	Wet Extended Detention Pond	36.3	27.1	1.93	2017	
AA16RST000069	South River Mainstem	2662 Riva Rd Retrofit Heritage Office Park	Detention Structure (Dry Pond)	SPSD	8.2	3.6	2.62	2021	
AA16RST000089	South River Mainstem	Cinnamon Lane Outfall Rehabilitation		SPSD	20.9	4.9	0.5	2016	
AA16RST000091	South River Mainstem	Annapolis Corporate Park SPSC #1		SPSD	18.8	8.7	0.05	2015	
AA16RST000092	South River Mainstem	Annapolis Corporate Park SPSC #2		SPSD	15.8	4.4	0.5	2015	
AA16RST000093	South River Mainstem	Camp Woodlands Pre-Treatment		SPSD	7.8	2.1	0.5	2015	
AA16RST000094	South River Mainstem	Annapolis Harbour Center SPSC		SPSD	50.3	31.4	0.25	2016	
AA18RST000021	South River Mainstem	Broad Creek Headwaters Phase I Dept of Health SPSC		SPSD	7	1.1	0.53	2018	
AA18RST000024	South River Mainstem	Killarney House, Neighbors Beards Creek Community		SPSD	20.6	3.8	2.88	2017	
AA18RST000025	South River Mainstem	Sylvan Shores Stormwater Upgrade Bioretention #1		Bioretention	0.3	0.2	0.34	2016	
AA18RST000026	South River Mainstem	Sylvan Shores Stormwater Upgrade Bioretention #2		Bioretention	0.8	0.3	0.47	2016	
AA18RST000027	South River Mainstem	Sylvan Shores Stormwater Upgrade Bioretention #3		Bioretention	0.8	0.2	0.99	2016	
AA18RST000031	South River Mainstem	Edgewater Beach Grass Swale		Grass Swale	0.9	0	0.09	2017	

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AA18RST000032	South River Mainstem	Edgewater Beach Bioswale		Bio-Swale	0.9	0.4	0.49	2017	
AA18RST000033	South River Mainstem	Broad Creek Health Department StormTech BMP		Other	1.1	1.1	0.85	2018	
AA18RST000036	South River Mainstem	United Church of Christ Pond Retrofit	Extended Detention Structure, Dry	Wet Pond	0.6	0.3	0.99	2018	
AA18RST000043	South River Mainstem	Center for Applied Technology South - Bioretention		Submerged Gravel Wetland	1.9	0.8	0.2	2018	
AA18RST000051	South River Mainstem	32 Wilelinor Drive SPSC		SPSD	1.7	0.6	0.4	2014	
AA18RST000052	South River Mainstem	Edgewater Beach Pervious Concrete		Permeable Pavements	0.3	0.1	1.58	2017	
AA19RST000003	South River Mainstem	Broad Creek Retrofit - SPSC at Camp Woodlands		SPSD	14.4	1.5	0.63	2022	
AA19RST000005	South River Mainstem	Broad Creek Headwaters Ph II Dept of Health SPSC		SPSD	6.6	2.7	0.57	2019	
AA19RST000006	South River Mainstem	Broad Creek Ph II Dept of Health Inf Trench		Infiltration Trench	0.8	0.7	1	2019	
AA19RST000025	South River Mainstem	Central Services Garage Pond 4098 Opti Upgrade	Wet Extended Detention Pond	Wet Extended Detention Pond	13.6	7.3	1.97	2019	
AA19RST000026	South River Mainstem	South River Colony Pond 4063 Opti Upgrade	Wet Extended Detention Pond	Wet Extended Detention Pond	267.4	127.2	3.82	2019	
AA20RST000005	South River Mainstem	Beechnut Kennels BMP		Bioretention	1.2	0.5	1.06	2020	
AA21RST000004	South River Mainstem	First Christian Community Church Bioretention		Micro-Bioretention	1	0.7	0.37	2021	
AA21RST000001	South River Mainstem	Broad Creek Valley West RSC		SPSD	45	5	0.16		2023
AA15RST000090	South River/Duval Creek	Old Annapolis Neck Road	Detention Structure (Dry Pond)	Wet Pond	3	0.9	2.57	2016	
AA16RST000007	South River/Duval Creek	Hillsmere Beach Road Kayak Area CPO / Bioretention		Bioretention	9	2.5	0.23	2015	
AA17RST000019	South River/Duval Creek	St. Anne School of Annapolis Rain Garden		Rain Gardens	0.6	0.4	1	2017	
AA21RST000015	Tracy and Rockhold Creeks	Herrington Harbor SPSC		SPSD	7.6	5.9	0.16	2021	
AA17RST000020	West River Mainstem	Avalon Shores Fire Dept Stormwater Wetland		Bio-Swale	1.4	0.9	0.71	2016	
AA21RST000005	West River Mainstem	West River United Meth. Church Camp - SPSC (East)		SPSD	2.1	0.8	0.89	2022	
AA21RST000006	West River Mainstem	West River United Meth. Church Camp - SPSC (West)		SPSD	2.8	0.4	6.49	2022	

Completed and Proposed Urban Stormwater Projects in Bacteria TMDL Watersheds

TMDL Watershed ID	Number of Urban Retrofit Projects Planned/Completed	Drainage Area Proposed to Be Treated (acres)	Impervious Area Proposed to Be Treated (acres)
Magothy River Mainstem	42	879.2	290.3
Magothy River/Forked Creek	4	65.4	5.3
Magothy River/Tar Cove	1	3.7	0.7
Patapsco River Lower North Branch	29	906.3	461.3
Patapsco River/Furnace Creek	13	303.6	124.6
Patapsco River/Marley Creek	14	263.8	97
Patuxent River Upper	0	0	0
Severn River Mainstem	34	1329.5	326.8
Severn River/Mill Creek	7	119.9	15.3
Severn River/Whitehall and Meredith Creeks	3	60.5	8.9
South River Mainstem	34	690.9	280.4
South River/Duval Creek	3	12.6	3.8
South River/Ramsey Lake	0	0	0
South River/Selby Bay	0	0	0
Tracy and Rockhold Creeks	1	7.6	5.9
West & Rhode Rivers/Bear Neck Creek	0	0	0
West & Rhode Rivers/Bear Cadle Creek	0	0	0
West & Rhode Rivers/Bear Parish Creek	0	0	0
West River Mainstem	3	6.3	2.1