

Linganore Creek Stormwater Retrofit and Stream Restoration - Candidate Project Ranking

Weighted Category Scores and Total Score

Project ID	Program	Tier	Project Type	Project Name	Location	Ownership	Project Description	Model Catchment Condition	Severity of Site Problems	Severity of Downstream Problems	Extent of Problem	Educational Benefit	Public Interest	Approx. Project Length (ft)	Total Score (max. = 100)	Estimated Project Cost
<b>Bartonsville</b>																
BA101	Capital Improvement Project	Tier 1	SWM Pond Retrofit	Frederick County Public Safety Training Facility	Reichs Ford Road	Public - County owned	Upgrade control structure for Structure No. 123 (extended detention wet pond) to MD2000 standards and add sediment forebay to pond; place culvert retrofits at two roads; build detention berms and linear rain gardens near training areas; add infiltration trench to parking lot; plant wildflower and forested buffer around pond and along stream; and reforest unused open space on hillside.	12	16	4	20	15	0	N/A	67	\$ 400,000
BA102	Capital Improvement Project	Tier 1	LID	Pinecliff Park - LID	Pinecliff Park Road	Public - County owned	Stabilize approximately 1,000 ft. of streambank; construct linear rain gardens along parking lot and road margins; place rain gardens in three parking lots; add detention micro-berm along stream and woods; buffer enhancement along Monocacy River; plant wildflowers on sledding hill (mow before sledding season); and plant wildflowers on top of sewer and water lines, and in unused open spaces.	8	20	6	20	15	0	N/A	69	\$ 473,000
BA104	Community Restoration		SWM Pond Retrofit	River Oaks - SWM Pond Retrofit	Winding Oak Court	Public - Unknown (e.g., HOA, open space)	Upgrade control structure for Structure No. 16 (dry pond) to MD2000 standards; and wildflower plantings in open space below weir.	10	7	1	7	5	0	N/A	30	\$ 28,000
BA106	Community Restoration		Agricultural Program	Aylor Drive - Agricultural BMP	Aylor Drive	Private	Stream buffer.	11	9	0	7	5	0	1,240	32	\$ 4,000
BA107	Community Restoration		LID	Country Squire Subdivision - Rain Barrel Program	Bartonsville Road	Private	Rain barrel education and coupon program.	9	7	1	13	15	0	N/A	45	\$ 23,000
BA108	Community Restoration		SWM Pond Retrofit	Winter Oaks Place - LID 1	Winter Oaks Place	Public - Unknown (e.g., HOA, open space)	Convert old sediment basin/pond structure near end of stormwater pipe outfall to off-line bioretention structure.	11	11	3	13	5	0	N/A	43	\$ 27,000
BA109	Community Restoration		LID	Winding Oaks Park - LID	Winding Oaks Court	Public - Unknown (e.g., HOA, open space)	Linear bioretention garden in park swale; rain garden at outfall.	11	11	3	13	15	0	N/A	53	\$ 72,000
BA110	Community Restoration		Agricultural Program	Lohr Property - Agricultural BMP	8527 Reichs Ford Rd	Private	Provide assistance with agricultural BMP programs, including volunteer restoration measures.	10	11	2	7	5	10	1,220	45	\$ 1,000
<b>Bens Branch</b>																
BB101	Community Restoration		Agricultural Program	Bens Branch - Agricultural BMP	Bens Branch North of Detrick Road	Private	Buffer enhancement; livestock fencing.	10	13	6	20	5	0	5,210	54	\$ 29,000
BB102	Capital Improvement Project	Tier 1	SWM Pond Retrofit	FCDPW Jacobs Run SWM Facility	Jacobs Court	Public - County owned	Retrofit oil and grit separator with an off-line bioretention facility below the outfall; install linear rain gardens in grass swales along edges of Jacobs Court.	8	13	7	20	15	0	N/A	63	\$ 65,000
BB103	Capital Improvement Project	Tier 2	LID	White Oak Subdivision - LID	Almeria Court and Niagara Drive	Public - County ROW/Easement	Linear rain gardens in roadside swales in subdivision.	8	7	7	13	10	0	N/A	45	\$ 360,000
BB104	Capital Improvement Project	Tier 1	LID	Catoctin View Subdivision - LID	Catoctin View Drive	Public - County ROW/Easement	Retrofit existing roadside swales with linear rain gardens throughout the subdivision.	10	13	5	20	10	3	N/A	61	\$ 931,000
BB105	Community Restoration		Stream Restoration	Bens Branch - Fish Passage	Bens Branch above Hope Valley Golf Course	Private	Remove fish passage barrier.	11	0	9	7	0	0	260	27	\$ 27,000
BB106	Community Restoration		Agricultural Program	Runkles Farm - Agricultural BMP	5514 Woodville Rd	Private	Assist landowner with horse farm management, including tree planting and watering.	12	4	2	7	5	10	N/A	40	\$ 1,000
BB107	Community Restoration		Agricultural Program	Hurst Farm - Agricultural BMP	13791 Helane Court, Mt. Airy, MD 21771	Private	Assistance with livestock (horses) management and related conservation programs; buffer enhancement.	11	4	3	7	5	10	N/A	40	\$ 4,000
<b>Chestnut Grove</b>																
CG101	Community Restoration		SWM Pond Retrofit	Libertytown Shopping Center - SWM Pond Retrofit	11400 block. Liberty Road	Private	Upgrade control structure for Structure No. 85 (dry pond) to MD2000 standards, including bioretention pretreatment. Install rain gardens along strip between parking lot and Liberty Rd to capture highway runoff.	10	9	0	7	5	0	N/A	31	\$ 80,000
CG102	Community Restoration		Agricultural Program	Artie Kemp Road - Agricultural BMP 1	Artie Kemp Road south of Liberty Road	Private	Buffer enhancement.	10	7	3	7	5	0	2,020	32	\$ 7,000
CG103	Community Restoration		Agricultural Program	Alton Road - Agricultural BMP 1	Alton Road	Private	Add buffer to left fork of stream; improve buffer on right fork up to Alton Road.	10	4	3	13	5	3	3,090	38	\$ 10,000
CG104	Community Restoration		Agricultural Program	Alton Road - Agricultural BMP 2	Alton Road	Private	Buffer enhancement.	10	4	4	13	5	0	1,840	36	\$ 6,000
CG105	Community Restoration		Agricultural Program	Cassis Farm - Agricultural BMP	Alton Road	Private	Enhance buffer along north bank of Linganore Creek, and along both sides of side tributary.	9	7	4	20	5	10	2,590	55	\$ 8,000
CG106	Community Restoration		Agricultural Program	Chestnut Grove - Agricultural BMP	SE of intersection of Chestnut Grove and Liberty Road	Private	Buffer enhancement.	10	4	3	13	5	0	2,760	35	\$ 9,000
CG107	Community Restoration		LID	Chestnut Grove Road - LID	Vicinity of 8039 Chestnut Grove Road	Private	Neighborhood rain barrel coupon and installation program; technical assistance for rain gardens.	11	7	2	7	5	10	N/A	42	\$ 9,000

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<b>Coppermine Branch</b>																
CB101	Capital Improvement Project	Tier 1	LID	Libertytown Community Park - LID	MD 26	Public - County owned	Retrofit park facilities by installing linear rain gardens along the entrance drive, and in swales at the east and west sides of the parking lot; build rain gardens for tennis and basketball courts, and the southeast corner of the athletic field; add a detention micro-berm along the stream; and plant wildflowers and trees in unused open spaces.	10	13	5	20	15	0	N/A	63	\$ 288,000
CB102	Community Restoration		Agricultural Program	Farm Lots - Agricultural BMP 1	Green Valley Road, East side	Private	Establish buffer along stream; WRAS Project Site 11.	11	9	6	20	5	10	4,500	61	\$ 14,000
CB103	Community Restoration		Agricultural Program	Farm Lots - Agricultural BMP 2	Green Valley Road, West side	Private	Establish buffer; provide livestock fencing along stream; WRAS Project Site 12.	11	11	7	20	5	10	7,420	64	\$ 52,000
CB104	Community Restoration		Agricultural Program	Hood Farm - Agricultural BMP 1	Green Valley Road, West side	Private	Establish buffer; provide livestock fencing along stream; WRAS Project Site 13.	10	11	6	20	5	10	6,640	62	\$ 37,000
CB105	Community Restoration		Agricultural Program	Hood Farm - Agricultural BMP 2	Woodsboro Road	Private	Establish buffer; WRAS Project Site 13b.	9	9	3	13	5	10	2,490	49	\$ 8,000
CB106	Community Restoration		Agricultural Program	Hood Farm - Agricultural BMP 3	Green Valley Road, East side	Private	Establish buffer; WRAS Project Site 14.	10	11	6	20	5	10	4,730	62	\$ 15,000
CB107	Capital Improvement Project	Tier 1	LID	North Street - LID	North Street at Coppermine Branch through Libertytown	Public - County ROW/Easement	Work within County road rights-of-way to install linear rain gardens in roadside swales along North Street and creation of a wildflower buffer along roadside stream. In addition, support LID assistance programs on private property (e.g., Backyard buffer program, rain barrel coupon program, technical assistance for rain gardens).	9	13	6	13	15	10	N/A	66	\$ 162,000
CB108	Community Restoration		LID	Liberty East - LID	Liberty East	Private	Rain barrel coupon program; Backyard Buffer program; WRAS Project Site 17.	9	7	5	13	5	10	N/A	49	\$ 9,000
<b>Detrick</b>																
DE101	Community Restoration		Agricultural Program	Miller Farm - Agricultural BMP 1	12600 block Old Annapolis Road	Private	Plant riparian buffer; fence livestock out of stream.	12	11	6	20	5	0	4,390	54	\$ 31,000
DE102	Community Restoration		Stream Restoration	Lime Plant Road - Stream Stabilization 1	Lime Plant Road	Private	Grade and stabilize steep stream banks; fence livestock out of stream; plant riparian buffer; provide alternate livestock watering and crossing; enhance/protect existing wetlands; and examine opportunity for wetland mitigation banking.	12	13	9	20	10	0	2,380	64	\$ 991,000
DE103	Community Restoration		Stream Restoration	Barnett Drive - Stream Stabilization	Barnett Drive	Private	Grade and stabilize steep stream banks; fence livestock out of stream; plant riparian buffer; provide alternate livestock watering and crossing; and treat barnyard runoff.	11	9	9	13	5	0	2,470	47	\$ 1,039,000
DE104	Capital Improvement Project	Tier 2	LID	Mt. Airy Overview Estates - LID	Corporal Jones Court	Public - County ROW/Easement	Convert roadside swales to linear rain gardens.	11	9	5	20	10	0	N/A	55	\$ 720,000
<b>Dollyhyde Creek</b>																
DC101	Community Restoration		Agricultural Program	Coppermine Road Farms - Agricultural BMP	12400 Coppermine Road	Private	Enhance riparian buffer.	12	4	6	13	5	0	3,970	40	\$ 12,000
DC102	Community Restoration		Agricultural Program	Baker Farm - Agricultural BMP	Fountain School Road	Private	Plant riparian buffer.	11	7	5	7	5	0	2,480	35	\$ 8,000
DC103	Community Restoration		Agricultural Program	Dollyhyde Road - Agricultural BMP 1	Dollyhyde Road	Private	Enhance riparian buffer.	11	7	5	7	5	0	2,400	35	\$ 8,000
DC104	Community Restoration		Agricultural Program	Dollyhyde Road - Agricultural BMP 2	Dollyhyde Road	Private	Plant riparian buffer.	11	7	4	13	5	0	3,640	40	\$ 11,000
DC105	Community Restoration		Agricultural Program	Sithens Farm - Agricultural BMP	Timmons Road	Private	Enhance riparian buffer; fence livestock out of stream.	11	7	8	13	5	0	7,500	44	\$ 50,000
DC106	Community Restoration		Agricultural Program	Gaver Farm - Agricultural BMP 1	Timmons Road	Private	Enhance riparian buffer; fence livestock out of stream.	11	7	7	13	5	0	5,890	43	\$ 36,000
DC107	Community Restoration		Agricultural Program	Gaver Farm - Agricultural BMP 2	Timmons Road	Private	Enhance riparian buffer; fence livestock out of stream.	11	4	7	7	5	0	1,480	34	\$ 7,000
<b>Hazelnut Run</b>																
HR101	Capital Improvement Project	Tier 1	SWM Pond Retrofit	Deer Crossing Elementary School	Boyers Mill Road	Public - County owned	Upgrade control structure for Structure No. 600 (extended detention pond) to MD2000 standards; reforest unused grass areas; install linear bioretention along Finn Drive and school entrance; place rain gardens near basketball court and baseball field; and create a detention micro-berm along the southeast margin of playing fields.	8	9	6	20	15	3	N/A	61	\$ 753,000
HR102	Capital Improvement Project	Tier 1	LID	New Market Middle School	Main St.	Public - County owned	Retrofit control structure of dry detention pond to MD2000 standards, incorporating multi-cell bioretention areas in the pond bottom; build rain gardens in lawn areas, around building, and next to paved areas; install infiltration trench in parking lot; add detention micro-berms in lawn areas; and reforest unused open space.	9	13	3	20	15	0	N/A	60	\$ 576,000

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HR103	Capital Improvement Project	Tier 1	LID	New Market Elementary School	Main St.	Public - County owned	Construct rain gardens in lawn areas, around building, and next to paved areas; install infiltration trench in parking lot; build off-line bioretention garden at outfall; and build a detention micro-berm in the lawn area along east property line.	9	13	3	20	15	0	N/A	60	\$ 157,000
HR104	Community Restoration		LID	New Market - LID	Town of New Market	Private	Rain barrel coupon program; technical assistance and funding program for LID on private property.	11	11	0	20	10	0	N/A	52	\$ 34,000
HR105	Community Restoration		Agricultural Program	L. Blentlinger Farm - Agricultural BMP	Boyers Mill Road	Private	Stream buffer; livestock fencing.	12	7	4	7	5	0	1,210	35	\$ 9,000
HR106	Community Restoration		Agricultural Program	W. Blentlinger Farm - Agricultural BMP	Boyers Mill Road and Finn Drive	Private	Stream buffer; livestock fencing.	10	7	4	7	5	0	3,150	33	\$ 23,000
HR107	Community Restoration		Agricultural Program	Justron Farm - Agricultural BMP	Boyers Mill Road and New Market Court	Private	Stream buffer; livestock fencing.	9	7	3	7	5	0	2,120	31	\$ 15,000
HR108	Community Restoration		Agricultural Program	Charlyn Farm - Agricultural BMP	Boyers Mill Road	Private	Stream buffer.	10	7	3	13	5	0	4,830	38	\$ 15,000
HR109	Community Restoration		Agricultural Program	Archibald Farm - Agricultural BMP	Green Valley Road	Private	Stream buffer; livestock fencing.	10	7	5	13	5	0	5,350	40	\$ 32,000
HR110	Capital Improvement Project	Tier 2	LID	New Market West - LID	Royal Oak Drive	Public - County ROW/Easement	Replace 11 storm drain inlets with tree box filters.	10	7	0	20	5	0	N/A	42	\$ 147,000
<b>Horseshoe Farms</b>																
HF101	Community Restoration		Agricultural Program	Liberty Road Farm - Agricultural BMP	Liberty Road at Chestnut Grove Road	Private	Stream buffer.	11	4	3	13	5	0	3,720	36	\$ 12,000
HF102	Community Restoration		Agricultural Program	View More Heights - Agricultural BMP	Serenity Court	Private	Stream buffer.	10	4	6	7	5	0	3,350	32	\$ 11,000
HF103	Community Restoration		Agricultural Program	Farm and Farnettes - Agricultural BMP	Bridle Path Circle and Old Annapolis Road at Chestnut Grove Road	Private	Stream buffer; livestock fencing.	11	7	8	13	10	10	5,470	59	\$ 28,000
HF104	Community Restoration		Agricultural Program	McKaig Road - Agricultural BMP	McKaig Road, NE of Keyser	Private	Stream buffer.	10	7	6	7	5	0	3,390	35	\$ 11,000
HF105	Community Restoration		Agricultural Program	Burrier Farm - Agricultural BMP 1	10600 block. Liberty Road	Private	Stream buffer; address barnyard runoff.	10	7	6	7	5	0	1,180	35	\$ 14,000
HF106	Community Restoration		Agricultural Program	Burrier Farm - Agricultural BMP 2	10600 block. Liberty Road	Private	Stream buffer; address barnyard runoff.	10	7	3	7	5	0	1,180	32	\$ 4,000
HF107	Capital Improvement Project	Tier 1	LID	Horseshoe Farms Estates - LID	Equestrian Way, Bridle Path, and Old Annapolis Road	Public - County ROW/Easement	Retrofit existing roadside swales with linear rain gardens throughout the subdivision. Provide outreach and technical assistance to homeowners for rain barrels and rain gardens on private property.	8	11	6	20	10	10	N/A	65	\$ 1,721,000
<b>Linganore Creek - Lower Mainstem</b>																
LL101	Community Restoration		Agricultural Program	Gas House Pike - Agricultural BMP 1	10000 block Gas House Pike	Private	Stream buffer.	10	4	6	13	5	0	3,360	38	\$ 11,000
LL102	Community Restoration		Agricultural Program	Gas House Pike - Agricultural BMP 2	10200 block Gas House Pike	Private	Stream buffer.	14	4	5	7	5	0	2,630	35	\$ 8,000
LL103	Community Restoration		Agricultural Program	Gas House Pike - Agricultural BMP 3	10400 block Gas House Pike	Private	Stream buffer; livestock fencing.	12	7	3	13	5	0	4,570	40	\$ 24,000
LL104	Community Restoration		Agricultural Program	Gas House Pike - Agricultural BMP 4	10600 block Gas House Pike	Private	Stream buffer; livestock fencing.	12	7	3	7	5	0	2,520	34	\$ 18,000
LL201	Community Restoration		LID	Spring Ridge - LID 2	Spring Ridge Drive south of I 70	Public - Unknown (e.g., HOA, open space)	Add off-line bioretention gardens to two outfalls within catchment for Structure No. 463 (ED dry pond); linear rain gardens along Spring Ridge Drive.	9	7	2	13	5	0	N/A	36	\$ 155,000
LL202	Community Restoration		LID	Spring Ridge - LID 3	Ridgefield Circle	Public - Unknown (e.g., HOA, open space)	Add off-line bioretention gardens to five outfalls within catchment for Structure No. 462 (ED dry pond).	8	7	2	13	5	0	N/A	35	\$ 128,000
LL203	Community Restoration		Stream Restoration	City of Frederick, Filtration Plant	Linganore Road	Public - Other Entity	Grade and stabilize steep banks; buffer and tree planting in open space along creek.	6	7	5	7	5	0	2,530	30	\$ 452,000
LL204	Community Restoration		Agricultural Program	Mercer/Toms Farms - Agricultural BMP	West side of Linganore Road	Private	Stream buffer; livestock fencing; and treat barnyard runoff.	9	11	4	20	5	0	6,570	49	\$ 64,000
LL205	Community Restoration		Agricultural Program	Farm - Agricultural BMP 1	Tributaries (2) to Lower Linganore mainstem on north side	Private	Buffer enhancement.	9	4	5	13	5	0	3,950	36	\$ 12,000
LL206	Community Restoration		LID	Woodridge - LID	Woodridge development	Public - Unknown (e.g., HOA, open space)	Linear rain gardens along road edges.	9	9	0	20	5	0	N/A	43	\$ 1,008,000
LL207	Community Restoration		Agricultural Program	Farm - Agricultural BMP 2	Linganore Creek at Plantation Road	Private	Enhance buffer along mainstem.	6	7	8	13	5	0	3,470	39	\$ 6,000
LL208	Community Restoration		LID	Spring Ridge - LID 4	Spring Forest Road	Public - Unknown (e.g., HOA, open space)	Add off-line bioretention gardens along length of grass swale prior to entering detention pond and at outfall by Spring Ridge Drive; reforest unused open space.	6	9	0	13	10	0	N/A	38	\$ 194,000
LL209	Community Restoration		LID	Spring Ridge - LID 6	Newport Drive west	Public - Unknown (e.g., HOA, open space)	Off-line bioretention garden at two pipe outfalls; sediment forebay to Structure No. 458; rain gardens in two existing stormwater detention cells; and linear rain gardens in roadside swales along Spring Ridge Drive.	11	7	0	13	10	0	N/A	41	\$ 225,000

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LL210	Capital Improvement Project	Tier 2	LID	Spring Ridge - LID 5	Newport Drive west	Public - County ROW/Easement	Tree box filters - 3	8	9	0	7	5	0	N/A	29	\$ 40,000
LL211	Community Restoration		SWM Pond Retrofit	Spring Ridge - LID 7	Newport Drive east	Public - Unknown (e.g., HOA, open space)	Retrofit Structure No. 94 (ED dry pond) with off-line bioretention.	8	7	0	7	5	0	N/A	27	\$ 32,000
LL212	Community Restoration		LID	Parking lot at Lake Linganore Dam	Eaglehead Drive at Linganore Cr	Public - Unknown (e.g., HOA, open space)	Detention micro-berm along parking lot margin; rain garden in grassy area below pump house.	10	7	0	7	5	0	N/A	29	\$ 19,000
LL213	Community Restoration		LID	Oak Acres - LID	White Oak Drive	Private	Rain barrel education and coupon program.	8	11	0	13	10	0	N/A	42	\$ 17,000
LL214	Capital Improvement Project	Tier 2	LID	Greenview Subdivision - LID	Meyer Ave and Whiterose Drive	Public - County ROW/Easement	Install linear rain gardens between sidewalks and road.	10	4	0	13	5	0	N/A	32	\$ 233,000
LL215	Capital Improvement Project	Tier 2	LID	Summerfield - LID 1	Douglas Ave.	Public - County ROW/Easement	Four tree box filters; work with HOA to install linear and area rain garden in open space.	8	11	0	13	5	0	N/A	37	\$ 98,000
LL216	Community Restoration		SWM Pond Retrofit	Summerfield - LID 2	Huckleberry Way	Public - Unknown (e.g., HOA, open space)	Retrofit Structure No. 309 (ED dry pond) control structure to meet MD2000 standards and three bioretention cells.	8	7	0	13	5	0	N/A	33	\$ 27,000
LL217	Community Restoration		LID	Steamboat Way North - LID	Steamboat Way North	Public - Unknown (e.g., HOA, open space)	Off-line bioretention gardens at two outfalls.	8	11	0	13	5	0	N/A	37	\$ 64,000
LL218	Community Restoration		LID	Lake Linganore CDA - LID	Lake Linganore CDA	Public - Unknown (e.g., HOA, open space)	Rain barrel coupon program. Technical assistance and funding program for LID on private property. Set up lake buffer program to improve lawn care practices and promote tall grass/forested buffer along lake edge.	9	16	9	20	15	7	N/A	76	\$ 29,000
<b>Linganore Creek - Upper Mainstem</b>																
UL101	Community Restoration		Agricultural Program	Smith and Beall Farms - Agricultural BMP	8000 block Green Valley Road	Private	Stream buffer; livestock fencing.	9	7	4	7	5	0	2,470	32	\$ 18,000
UL102	Community Restoration		Agricultural Program	Glissans Mill Road - Agricultural BMP 1	12500 block Glissans Mill Road	Private	Stream buffer; livestock fencing.	12	13	5	13	5	0	6,500	48	\$ 46,000
UL103	Community Restoration		LID	Spilman Farm/MD75 runoff - LID	7808 Green Valley Road	Private	LID to control runoff from MD75/Green Valley Road onto private property.	10	9	2	7	5	10		43	\$ 18,000
UL104	Community Restoration		Agricultural Program	Glisan Farms - Agricultural BMP 1	Annapolis Road	Private	Stream buffer; livestock fencing.	10	13	5	7	5	10	1,310	50	\$ 10,000
<b>Long Branch</b>																
LB101	Capital Improvement Project	Tier 2	LID	Winter Oaks Place - LID 2	Winter Oaks Place	Public - County owned	Rain garden in traffic circle at north end of Winter Oaks Place; and off-line bioretention at stormwater pipe outfall.	9	11	3	20	5	0	N/A	48	\$ 77,000
LB102	Capital Improvement Project	Tier 1	LID	Spring Ridge Elementary School	Ridgefield Drive	Public - County owned	Install rain gardens, infiltration trenches, and tree box filters in drive and parking areas; place a detention micro-berm along edge of playing fields; add linear rain gardens in roadside swales; build rain gardens in the northwest and southwest lawns; and plant unused open space with trees and wildflowers.	11	13	7	20	15	0	N/A	66	\$ 792,000
LB103	Community Restoration		LID	MD 144 - Abandoned Roadbed LID	MD 144 - east of Monocacy	Public - Other Entity	Remove old abandoned lanes of MD 144, approx. 3,500' x 50' and reforest.	9	9	6	13	5	0	N/A	42	\$ 431,000
LB104	Community Restoration		LID	Long Branch - Rain Barrel Program	Long Branch Subwatershed	Private	Community rain barrel coupon and stormwater education program.	10	7	0	13	15	0	N/A	45	\$ 17,000
LB105	Community Restoration		LID	Winding Ridge Way - LID	Winding Ridge Way and Baltimore Road	Private	Supplement existing OGS with infiltration trench along Winding Ridge between road and sidewalks; add linear rain garden along Baltimore Rd.	10	9	0	13	5	0	N/A	37	\$ 163,000
LB106	Community Restoration		Agricultural Program	Long Branch - Agricultural BMP	Long Branch west of Ijamsville Road	Private	Buffer enhancement.	10	9	4	13	5	0	6,190	41	\$ 19,000
LB107	Capital Improvement Project	Tier 2	LID	Spring Ridge - LID 1	Spring Ridge south of I-70	Public - County ROW/Easement	Tree box filters at approx. 10 storm drain inlets.	9	9	3	13	5	0	N/A	39	\$ 134,000
LB108	Capital Improvement Project	Tier 2	LID	Spring Ridge - LID 9	Ridgefield Drive at Long Branch	Public - County ROW/Easement	Convert roadside swales to linear rain gardens. Work with HOA to enhance buffer along stream.	9	9	5	13	10	0	N/A	46	\$ 182,000
LB109	Capital Improvement Project	Tier 2	LID	Spring Ridge - LID 8	Spring Ridge Drive at Long Branch	Public - County ROW/Easement	Convert roadside swales to linear rain gardens; two tree box filters at intersection. Work with HOA to enhance buffer along stream.	8	9	5	13	10	0	N/A	45	\$ 155,000
LB110	Community Restoration		LID	Spring Ridge Shopping Center - LID	Spring Ridge Drive	Private	Install rain gardens in landscape and traffic islands around building and parking lot perimeter; infiltration trenches in parking lots; tree box filters in storm drain inlets.	12	9	3	13	10	0	N/A	47	\$ 316,000
LB111	Community Restoration		LID	Meadow Road - LID	Meadow Road	Private	Backyard buffer in residential area.	12	7	0	7	5	0	1,100	31	\$ 8,000
LB112	Capital Improvement Project	Tier 2	LID	Oakdale Elementary School	MD 144	Public - County owned	Increase SWM pond capacity via rain gardens in traffic/landscape islands, infiltration trenches in parking lots, and tree box filters; reforest unused lawn areas.	12	4	0	13	15	10	N/A	54	\$ 173,000

**Lingnore Creek Stormwater Retrofit and Stream Restoration - Candidate Project Ranking**

Weighted Category Scores and Total Score

Project ID	Program	Tier	Project Type	Project Name	Location	Ownership	Project Description	Model Catchment Condition	Severity of Site Problems	Severity of Downstream Problems	Extent of Problem	Educational Benefit	Public Interest	Approx. Project Length (ft)	Total Score (max. = 100)	Estimated Project Cost
LB113	Capital Improvement Project	Tier 2	LID	Oakdale Middle School	MD 144	Public - County owned	Increase SWM pond capacity via rain gardens in traffic/landscape islands, infiltration trenches in parking lots, and tree box filters; reforest unused lawn areas.	10	4	0	13	15	10	N/A	52	\$ 268,000
LB114	Community Restoration		LID	Holly Hills - LID	Ijamsville Road and Ritchie Way	Private	Linear rain garden in swale along Ritchie Way; rain gardens in lawn area at culvert openings along Ijamsville Road; buffer and wildflower meadow in open space below SWM pond berm.	9	9	3	13	5	0	N/A	39	\$ 291,000
LB115	Capital Improvement Project	Tier 2	LID	Ritchie Court - LID	Ritchie Court	Public - County ROW/Easement	Linear rain gardens in roadside swales.	9	11	2	13	5	0	N/A	40	\$ 90,000
LB116	Capital Improvement Project	Tier 2	LID	Ritchie Drive - LID	Ritchie Drive and Carnoustie Place	Public - County ROW/Easement	Linear rain gardens in roadside swales.	11	9	0	13	5	0	N/A	38	\$ 720,000
LB117	Community Restoration		LID	Holly Hills Turf Care Center - LID	Ritchie Drive	Private	Install one linear and two area rain gardens below SWM pond outfall.	11	7	0	7	5	0	N/A	30	\$ 54,000
LB118	Capital Improvement Project	Tier 2	LID	Pebble Beach Terrace - LID	Pebble Beach Terrace, Pebble Beach Court, Berwick Place N	Public - County ROW/Easement	8 tree box filters.	11	9	0	13	5	0	N/A	38	\$ 107,000
LB119	Community Restoration		LID	Fairwinds Section 2 - LID	Royal St and Andrews Place	Private	Add linear rain gardens to swales conveying water to pond; off-line bioretention along pond margin.	11	7	0	7	5	0	N/A	30	\$ 122,000
LB120	Capital Improvement Project	Tier 2	LID	Prestwich Terrace - LID 1	Prestwich Terrace	Public - County ROW/Easement	Linear rain gardens in roadside swales; rain garden in traffic circle at end of Prestwich Terrace.	9	9	0	13	10	0	N/A	41	\$ 522,000
LB121	Capital Improvement Project	Tier 2	LID	Prestwich Terrace - LID 2	Prestwich Terrace	Public - County ROW/Easement	Linear rain gardens in roadside swales along Prestwich Terrace and Holly Hills Drive	9	9	0	13	10	0	N/A	41	\$ 126,000
LB122	Community Restoration		LID	Eaglehead Information Center (former location)	Eaglehead Drive	Private	Linear rain gardens in roadside swales; plant wildflowers and forest in unused open spaces.	11	7	0	7	5	0	N/A	30	\$ 121,000
<b>New London</b>																
NL101	Community Restoration		Agricultural Program	Detrick Road - Agricultural BMP	5700 block Detrick Road	Private	Stream buffer; livestock fencing.	8	11	3	20	5	0	9,360	47	\$ 61,000
NL102	Capital Improvement Project	Tier 1	LID	Lingnore High School	Old Annapolis Road	Public - County owned	Install linear rain gardens along Old Annapolis Road, in parking lots, and next to athletic fields; place rain gardens around parking lots; provide off-line bioretention at two outfalls; place detention microberms across drainage pathways; and plant wildflowers and trees in unused open space.	9	13	8	20	15	10	N/A	75	\$ 1,352,000
NL103	Capital Improvement Project	Tier 2	LID	Meadows at New Market - LID	Barngate Circle	Public - County ROW/Easement	Curb cuts and linear rain gardens along road; tree box filters at storm drain inlets.	11	7	2	20	10	0	N/A	50	\$ 175,000
NL104	Capital Improvement Project	Tier 2	LID	Woodspring at New Market - LID	Meadow Way	Public - County ROW/Easement	Linear rain gardens along road; rain garden in traffic circle.	12	7	5	20	10	0	N/A	54	\$ 288,000
NL105	Community Restoration		LID	Westwinds Tennis Pavilion - LID	Wimbledon Court	Public - Unknown (e.g., HOA, open space)	Linear rain garden along back side of tennis pavilion; reforest open space; culvert retrofit between parking lots; rain garden and tree box filter at inlets.	10	9	3	13	10	7	N/A	52	\$ 306,000
NL106	Community Restoration		Agricultural Program	Traylor Farm - Agricultural BMP	6602 New London Road	Private	Stream buffer; livestock fencing.	10	9	6	7	5	0	2,670	37	\$ 19,000
NL107	Community Restoration		Stream Restoration	Lime Plant Road - Stream Stabilization 2	Lime Plant Road	Private	Grade and stabilize steep stream banks; fence livestock out of stream; plant riparian buffer; provide alternate livestock watering and crossing; enhance/protect existing wetlands; and examine opportunity for wetland mitigation banking.	10	13	8	20	10	0	5,720	61	\$ 2,272,000
NL108	Community Restoration		Agricultural Program	Peace & Plenty Farm - Agricultural BMP	6400 Green Valley Road	Private	Stream buffer; livestock fencing.	10	11	9	13	5	0	4,610	48	\$ 33,000
NL109	Community Restoration		Agricultural Program	Green Valley Road - Agricultural BMP	6200 block Green Valley Road	Private	Stream buffer; livestock fencing. Remove fish passage blockage.	10	11	8	13	5	0	4,830	47	\$ 43,000
NL110	Community Restoration		Agricultural Program	Miller Farm - Agricultural BMP 2	Drummine Road	Private	Stream buffer; livestock fencing.	14	11	5	13	5	0	3,860	48	\$ 28,000
NL111	Community Restoration		Stream Restoration	Gas House Pike - Stream Stabilization	11600 Gas House Pike	Private	Grade and stabilize steep stream banks; fence livestock out of stream; plant riparian buffer; provide alternate livestock watering and crossing; treat barnyard runoff.	12	16	8	20	5	0	2,860	61	\$ 1,173,000
NL112	Community Restoration		Agricultural Program	Baltimore Presbytery - Agricultural BMP	6600 New London Road	Private	Provide assistance with CREP program to replace non-profitable farming	12	4	4	7	5	10	760	42	\$ 1,000

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<b>North Fork</b>																
NF101	Community Restoration		Agricultural Program	Loev Vineyards - Agricultural BMP	Liberty Road	Private	Stream buffer.	10	13	5	13	5	0	5,780	<b>46</b>	\$ 18,000
NF102	Community Restoration		Stream Restoration	Woodville Road - Stream Stabilization	8600 block Woodville Road	Private	Grade and stabilize steep stream banks; fence livestock out of stream; plant riparian buffer; provide alternate livestock watering and crossing; and enhance/protect existing wetlands; examine opportunity for wetland mitigation banking.	10	16	9	13	10	3	3,780	<b>61</b>	\$ 724,000
NF103	Community Restoration		Agricultural Program	Burrier Farm - Agricultural BMP 3	Clemsonville Road	Private	Stream buffer.	9	11	5	7	5	0	2,510	<b>37</b>	\$ 8,000
NF104	Community Restoration		Agricultural Program	Mapleville Road - Agricultural BMP	8800 block Mapleville Road	Private	Stream buffer; livestock fencing.	11	11	3	7	5	0	2,980	<b>37</b>	\$ 21,000
NF105	Community Restoration		Agricultural Program	Dollyhyde Road - Agricultural BMP 3	8000 block Dollyhyde Road	Private	Stream buffer; livestock fencing.	12	16	9	13	5	0	6,600	<b>55</b>	\$ 47,000
NF106	Community Restoration		Agricultural Program	Glissan Place - Agricultural BMP	8300 block Dollyhyde Road	Private	Stream buffer; livestock fencing.	12	11	5	7	5	0	1,930	<b>40</b>	\$ 14,000
NF107	Community Restoration		LID	Unionville - LID	Unionville Road	Private	Backyard buffers; rain barrel education and coupon program.	11	7	5	13	15	0	N/A	<b>51</b>	\$ 14,000
<b>Oldfield Branch</b>																
OB101	Community Restoration		Agricultural Program	Liberty Road - Agricultural BMP	Liberty Road	Private	Stream buffer.	12	11	3	7	5	0	1,940	<b>38</b>	\$ 6,000
<b>South Fork</b>																
SF101	Community Restoration		Agricultural Program	Potomac Estates - Agricultural BMP	13800 block Harrisville Road	Private	Stream buffer.	8	9	3	7	5	0	2,130	<b>32</b>	\$ 7,000
SF102	Community Restoration		Agricultural Program	Burrier Knob - Agricultural BMP	Glissans Mill Road	Private	Stream buffer; livestock fencing.	9	11	5	13	5	0	5,350	<b>43</b>	\$ 38,000
SF103	Community Restoration		Agricultural Program	Tressler Farm - Agricultural BMP	11600 block Glissans Mill Road	Private	Stream buffer; livestock fencing.	8	11	7	13	5	0	4,200	<b>44</b>	\$ 30,000
SF104	Community Restoration		Agricultural Program	Snowmill Farm - Agricultural BMP	Buffalo Road	Private	Stream buffer.	9	7	4	7	5	0	2,210	<b>32</b>	\$ 7,000
SF105	Community Restoration		Agricultural Program	Linganore Winecellars - Agricultural BMP	13600 Glissans Mill Road	Private	Stream buffer.	9	4	3	7	5	0	1,230	<b>28</b>	\$ 4,000
SF106	Community Restoration		Agricultural Program	Kimmell Road - Agricultural BMP	7100 block Kimmell Road	Private	Stream buffer.	11	7	6	7	5	0	2,380	<b>36</b>	\$ 8,000
SF107	Community Restoration		Agricultural Program	Glisan Farms - Agricultural BMP 2	Annapolis Road	Private	Stream buffer; livestock fencing.	10	13	4	7	5	0	2,100	<b>39</b>	\$ 15,000
SF108	Community Restoration		Agricultural Program	Shippen Farm - Agricultural BMP	Buffalo Road	Private	Stream buffer.	9	9	4	7	5	0	2,690	<b>34</b>	\$ 9,000
SF109	Community Restoration		Agricultural Program	Resourceful Acres - Agricultural BMP	7100 block Kimmell Road	Private	Stream buffer; livestock fencing; WRAS Project Site 8	10	13	4	7	5	10	2,490	<b>49</b>	\$ 18,000
SF110	Community Restoration		LID	Isaac Walton League LID	Woodville Road	Private	Buffer along stream; reforest unused open areas.	8	9	4	7	5	7	840	<b>40</b>	\$ 16,000
SF111	Community Restoration		LID	Lauer/Sabelhaus - Wetland enhancement and buffer	5000 Buffalo Road	Private	Enhance existing wetland with more suitable native vegetation; establish buffer along stream below wetlands	9	13	5	7	5	10	1,450	<b>49</b>	\$ 16,000
<b>Talbot Branch</b>																
TA101	Community Restoration		Agricultural Program	Black Ankle Road - Agricultural BMP	14800 block Black Ankle Road	Private	Stream buffer; livestock fencing.	9	4	8	13	5	0	5,310	<b>39</b>	\$ 36,000
TA103	Community Restoration		Agricultural Program	Talbot Run Road - Agricultural BMP	UT along 7800 block Talbot Run Road	Private	Stream buffer; livestock fencing; WRAS Project Site 39.	9	13	3	7	5	10	2,630	<b>47</b>	\$ 13,000
TA104	Community Restoration		Stream Restoration	Emerson Burrier Road - Stream Stabilization	Emerson Burrier Road	Private	Grade and stabilize steep stream banks; fence livestock out of stream; plant riparian buffer; provide alternate livestock watering and crossing; enhance/protect existing wetlands; examine opportunity for wetland mitigation banking; and WRAS Project Site 40.	11	16	6	7	5	10	3,080	<b>55</b>	\$ 571,000
<b>Town Branch</b>																
TO101	Community Restoration		Agricultural Program	Fox Pass - Agricultural BMP	Artie Kemp Road	Private	Stream buffer and livestock fencing; WRAS Project Site 21.	10	11	7	20	5	10	5,200	<b>63</b>	\$ 32,000
TO102	Community Restoration		Agricultural Program	Artie Kemp Road - Agricultural BMP 2	Artie Kemp Road	Private	Stream buffer enhancement; WRAS Project Site 20.	10	9	5	20	5	10	4,520	<b>59</b>	\$ 14,000
TO103	Community Restoration		Agricultural Program	Sach Farm - Agricultural BMP	8900 block Green Valley Road	Private	Buffer enhancement; WRAS Project Site 19.	10	11	6	13	5	10	1,350	<b>55</b>	\$ 5,000
TO104	Community Restoration		Agricultural Program	Gaver Farm - Agricultural BMP 3	8900 block Green Valley Road	Private	Stream buffer and livestock fencing; WRAS Project Site 19b.	10	11	5	20	5	10	5,980	<b>61</b>	\$ 38,000

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TO105	Capital Improvement Project	Tier 1	LID	Liberty Elementary School	Liberty Road	Public - County owned	Install linear and area rain gardens in traffic islands and landscape beds around school; build off-line bioretention garden below culvert outfall; place detention micro-berm along field margins; and provide linear rain gardens next to athletic fields.	10	11	6	20	15	10	N/A	72	\$ 310,000
TO106	Capital Improvement Project	Tier 2	LID	Winter Springs Subdivision - LID	Arlington Mill Road	Public - County ROW/Easement	Convert roadside swale to linear rain gardens; Backyard Buffer program.	10	16	5	20	5	0	N/A	56	\$ 432,000
<b>Weldon Creek</b>																
WC101	Community Restoration		Agricultural Program	Barnes Road - Agricultural BMP 1	Barnes Road	Private	Stream buffer; livestock fencing.	11	9	7	13	5	0	4,140	45	\$ 29,000
WC102	Community Restoration		Agricultural Program	Barnes Road - Agricultural BMP 2	Barnes Road at Loel Road	Private	Stream buffer; livestock fencing.	12	9	4	7	5	0	2,290	37	\$ 17,000
WC103	Community Restoration		Agricultural Program	Barnes Road - Agricultural BMP 3	Barnes Road, south of Oak Orchard Road	Private	Stream buffer; livestock fencing.	10	13	4	7	5	0	2,530	39	\$ 16,000
WC104	Community Restoration		Stream Restoration	Horton Farm - Stream Stabilization	14900 block Liberty Road	Private	Bank stabilization; stream buffer.	9	13	6	7	5	0	1,520	40	\$ 270,000
WC105	Community Restoration		Agricultural Program	Albaugh Road - Agricultural BMP	9200 block Albaugh Road	Private	Stream buffer; livestock fencing.	9	9	2	7	5	0	1,020	32	\$ 8,000
WC106	Community Restoration		Agricultural Program	Unionville Road - Agricultural BMP	Albaugh and Unionville Roads	Private	Stream buffer; livestock fencing.	11	18	9	7	5	0	2,440	50	\$ 18,000
WC107	Community Restoration		Agricultural Program	Woodville Road - Agricultural BMP	Woodville Road	Private	Stream buffer.	11	13	9	20	10	0	8,930	63	\$ 27,000
<b>Westwinds</b>																
WE101	Community Restoration		Agricultural Program	Old Annapolis Road - Agricultural BMP 1	Old Annapolis Road (north side)	Private	Stream buffer; filter strips along drainage from barn; remediate fish barrier at crossing.	9	7	5	7	5	0	1,360	33	\$ 39,000
WE102	Community Restoration		Agricultural Program	Old Annapolis Road - Agricultural BMP 2	Between Central Church Road and Old Annapolis Road	Private	Stream buffer; livestock fencing.	9	9	7	7	5	0	3,000	37	\$ 16,000
<b>Woodville Branch</b>																
WB101	Community Restoration		Agricultural Program	Old Bohn Road - Agricultural BMP 1	5800 block Old Bohn Road	Private	Stream buffer; livestock fencing; WRAS Project Site 1.	11	13	8	13	5	10	4,870	60	\$ 35,000
WB102	Community Restoration		Agricultural Program	Old Bohn Road - Agricultural BMP 2	6300 block Old Bohn Road	Private	Stream buffer; livestock fencing; WRAS Project Site 2.	11	13	8	7	5	10	1,620	54	\$ 11,000
WB103	Community Restoration		Agricultural Program	Kraft Farm - Agricultural BMP	Buffalo Road	Private	Stream buffer; WRAS Project Site 1b.	6	9	8	7	5	10	1,410	45	\$ 5,000
WB104	Community Restoration		LID	New Estates Subdivision - LID 1	Cindy Court	Private	Backyard buffer program; WRAS Project Site 5.	8	7	4	7	5	10	2,100	41	\$ 8,000
WB105	Community Restoration		Agricultural Program	F & N Farm - Agricultural BMP	Bohn Road	Private	Stream buffer; WRAS Project Site 6.	9	7	5	7	5	10	2,390	43	\$ 8,000
WB106	Community Restoration		LID	Willow Pond Estates - LID 1	Amys Terrace	Private	Backyard Buffer; WRAS Project Site 7.	9	4	2	7	5	10	1,120	37	\$ 8,000
WB107	Community Restoration		Agricultural Program	Ickes Farm - Agricultural BMP	Shirely Bohn Road	Private	Buffer along headwaters of stream; WRAS Project Site 10.	8	11	7	7	5	10	1,800	48	\$ 6,000
WB109	Community Restoration		LID	Audubon Society of Central MD - LID	Old Annapolis Road	Private	Reforest unused open areas.	9	7	5	7	10	0	N/A	38	\$ 31,000
WB110	Capital Improvement Project	Tier 2	LID	Prospect View Subdivision - LID	Annapolis Court	Public - County ROW/Easement	Roadside swale to linear rain gardens.	9	13	3	13	10	3	N/A	51	\$ 396,000
WB111	Capital Improvement Project	Tier 1	LID	Willow Pond Estates - LID 2	Amys Terrace	Public - County ROW/Easement	Retrofit existing roadside swales with linear rain gardens throughout the subdivision.	11	13	2	20	10	10	N/A	66	\$ 397,000
WB112	Capital Improvement Project	Tier 2	LID	Ravenswood Estates - LID	Ridgeline Drive	Public - County ROW/Easement	Roadside swale to linear rain gardens.	11	13	4	13	10	3	N/A	54	\$ 540,000
WB113	Capital Improvement Project	Tier 1	LID	New Estates Subdivision - LID 2	Cindy Court and North Annapolis Drive	Public - County ROW/Easement	Retrofit existing roadside swales with linear rain gardens throughout the subdivision.	11	13	5	20	10	10	N/A	69	\$ 515,000