

MARYLAND CONSERVATION SYSTEM GUIDES

LAND USE	GUIDE LABEL (max. 8 chars.)	GUIDE NAME (existing condition)	GUIDE BASELINE DESCRIPTION	SYSTEM LABEL (max. 8 chars.)	SYSTEM NAME (planned condition)	PRIMARY RESOURCE CONCERN (System Level)	PRACTICES	SYSTEM TYPE	EFFECTS (sheet & rill erosion, Before/After)		NOTES
									Western Shore CRA's (127, 130A, 147, 148, 149A)	Eastern Shore CRA's (153C, 153D)	
CR (Cropland)	Grain	Grain Rotation	These fields are cropped in a grain rotation.	BasicMT	Basic practices for grain rotation - Mulch-till	Sheet & rill erosion	328-345-590-595	RMS	7/2	3/0.5	
				BasicNT	Basic practices for grain rotation - No-till	Sheet & rill erosion	328-329-590-595	RMS	7/2	3/0.5	
				ConsCov	Conservation cover managed for wildlife habitat	F&W: Declining species	327-645-590-595	RMS	7/0.5	3/0.5	
				FieldBdr	Field border managed for wildlife habitat	F&W: Declining species	386-645-590-595	RMS	7/0.5	3/0.5	Quail buffers - CRA's 149A, 153C, 153D only
				FiltStr	Filter strip managed for wildlife habitat	F&W: Declining species	390-645-590-595	RMS	7/0.5	3/0.5	
				Irr	Irrigated without a cover crop	Sheet & rill erosion	328-345-590-595-449-442-(342)-(412)*	RMS	7/2	3/0.5	*For Western Shore MLRA's, system includes 342 and 412.
				IrrCC	Irrigated with a cover crop	Sheet & rill erosion	328-345-590-595-449-442-340-(342)-(412)*	RMS	7/2	3/0.5	
				IrrCCM	Irrigated with a cover crop and manure	Sheet & rill erosion	328-345-590-595-449-442-340-633-(342)-(412)*	RMS	7/2	3/0.5	
				IrrM	Irrigated without a cover crop with manure	Sheet & rill erosion	328-345-590-595-449-442-633-(342)-(412)*	RMS	7/2	3/0.5	
				Nirr	Non-irrigated without a cover crop	Sheet & rill erosion	328-345-590-595-(342)-(412)*	RMS	7/2	3/0.5	
				NirrCC	Non-irrigated with a cover crop	Sheet & rill erosion	328-345-590-595-340-(342)-(412)*	RMS	7/2	3/0.5	
				NirrCCM	Non-irrigated with cover crop with manure	Sheet & rill erosion	328-345-590-595-340-633-(342)-(412)*	RMS	7/2	3/0.5	
				NirrM	Non-irrigated without a cover crop with manure	Sheet & rill erosion	328-345-590-595-633-(342)-(412)*	RMS	7/2	3/0.5	
				RFB	Riparian forest buffer managed for wildlife habitat	F&W: Declining species	391-645-595	RMS	7/0.5	3/0.5	
				SWA	Shallow water area managed for wildlife habitat	F&W: Declining species	646-644-590-595	RMS	7/0.5	3/0.5	
				WetCreat	Restored/created wetland managed for wildlife habitat	F&W: Declining species	658-644-590-595	RMS	7/0.5	3/0.5	
				WetRest	Restored wetland managed for wildlife habitat	F&W: Declining species	657-644-590-595	RMS	7/0.5	3/0.5	

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									Western Shore CRA's (127, 130A, 147, 148, 149A)	Eastern Shore CRA's (153C, 153D)	
CR (Cropland)	HayRota	Hay Based Rotation	These fields have been traditionally cropped with 2 or more years of annual row crops followed by hay.	Basic	Basic practices for hay- based rotation	Sheet & rill erosion	328-345-511-512- 590-595	RMS	3/0.5	3/0.5	
				Manure	Hay rotation with manure	Sheet & rill erosion	328-345-511-512- 590-595-633	RMS	3/0.5	3/0.5	
				NoManure	Hay rotation without manure	Sheet & rill erosion	328-345-511-512- 590-595	RMS	3/0.5	3/0.5	
	Orchard	Orchard Crops	These fields are established in orchards. Resource concerns are primarily nutrient and pest management.	Orchard	Orchard	Sheet & rill erosion	342-590-595	RMS	1/0.5	1/0.5	
	Sod	Sod production, no gullies	These fields are managed for long term sod production.	SodNoWW	Permanent sod, no waterways needed	Sheet & rill erosion	328-590-595	RMS	2/0.5	2/0.5	
	SodGully	Sod production with gullies	These fields are managed for long term sod production. Gully erosion is occurring in drainageways.	SodWW	Permanent sod with grassed waterways	Sheet & rill erosion	328-590-595-412	RMS	2/0.5	2/0.5	
	Tobacco	Tobacco Rotation	These fields have traditionally been cropped in tobacco followed by a winter cover crop.	TlrrCF	Tobacco - Irrigated, w/ contour farming	Sheet & rill erosion	328-330-340-342- 390-412-442-449- 590-595	RMS	15/5	NA	Southern Maryland only (MLRA 149A).
				TlrrSC	Tobacco - Irrigated, w/ stripcropping	Sheet & rill erosion	328-340-390-342- 412-442-449-590- 595-585	RMS	15/5	NA	
				TNlrrCF	Tobacco - Non-irrigated, w/ contour farming	Sheet & rill erosion	328-330-340-342- 390-412-590-595	RMS	15/5	NA	
				TNlrrSC	Tobacco - Non-irrigated, w/ stripcropping	Sheet & rill erosion	328-340-342-390- 412-590-595-585	RMS	15/5	NA	

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									Western Shore CRA's (127, 130A, 147, 148, 149A)	Eastern Shore CRA's (153C, 153D)	
CR (Cropland)	Veg	Vegetable Rotation	These fields are cropped in a vegetable rotation.	Basic	Basic practices for vegetable rotation	Sheet & rill erosion	328-590-595	RMS	8/4	3/1	
				ConsCov	Conservation cover managed for wildlife habitat	F&W: Declining species	327-645-590-595	RMS	8/0.5	3/0.5	
				FieldBdr	Field border managed for wildlife habitat	F&W: Declining species	386-645-590-595	RMS	8/0.5	3/0.5	Quail buffers - CRA's 149A, 153C, 153D only
				FitStr	Filter strip managed for wildlife habitat	F&W: Declining species	390-645-590-595	RMS	8/0.5	3/0.5	
				Irr	Irrigated without a cover crop	Sheet & rill erosion	328-345-590-595-449-442-(412)*	RMS	8/4	3/1	*For Western Shore MLRA's, system includes 342 and 412.
				IrrCC	Irrigated with a cover crop	Sheet & rill erosion	328-345-590-595-449-442-340-(342)-(412)*	RMS	8/4	3/1	
				IrrCCM	Irrigated with a cover crop and manure	Sheet & rill erosion	328-345-590-595-449-442-340-633-(342)-(412)*	RMS	8/4	3/1	
				IrrM	Irrigated without a cover crop with manure	Sheet & rill erosion	328-345-590-595-449-442-633-(342)-(412)*	RMS	8/4	3/1	
				Nirr	Non-irrigated without a cover crop	Sheet & rill erosion	328-345-590-595-(342)-(412)*	RMS	8/4	3/1	
				NirrCC	Non-irrigated with a cover crop	Sheet & rill erosion	328-345-590-595-340-(342)-(412)*	RMS	8/4	3/1	
				NirrCCM	Non-irrigated with cover crop with manure	Sheet & rill erosion	328-345-590-595-340-633-(342)-(412)*	RMS	8/4	3/1	
				NirrM	Non-irrigated without a cover crop with manure	Sheet & rill erosion	328-345-590-595-633-(342)-(412)*	RMS	8/4	3/1	
				RFB	Riparian forest buffer managed for wildlife habitat	F&W: Declining species	391-645-595	RMS	8/0.5	3/0.5	
				SWA	Shallow water area managed for wildlife habitat	F&W: Declining species	646-644-590-595	RMS	8/0.5	3/0.5	
				WetCreat	Restored/created wetland managed for wildlife habitat	F&W: Declining species	658-644-590-595	RMS	8/0.5	3/0.5	
				WetRest	Restored wetland managed for wildlife habitat	F&W: Declining species	657-644-590-595	RMS	8/0.5	3/0.5	

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									Western Shore CRA's (127, 130A, 147, 148, 149A)	Eastern Shore CRA's (153C, 153D)	
FO (Forest)	Forest	Forest managed for wood production or wildlife	Woodland will be managed for production of hardwoods or softwoods, or for wildlife habitat.	WoodProd	Managed for wood production	Sheet & rill erosion	409-666-612-595	RMS	0.5/0.5	0.5/0.5	
				WetRest	Wetland restoration	Sheet & rill erosion	657-644	RMS	0.5/0.5	0.5/0.5	
HQ (Headquarters)	AFO	Animal Feeding Operation	This area serves as the headquarters for a livestock and/or poultry operation.	Beef1	Beef w/o composting facility	WQ: Excess nutrients & organics in surface water	100-561-558-313	RMS	0.5/0.5	0.5/0.5	
				Beef2	Beef w/ composting facility	WQ: Excess nutrients & organics in surface water	100-561-558-313- 317	RMS	0.5/0.5	0.5/0.5	
				Dairy1	Dairy w/o composting facility	WQ: Excess nutrients & organics in surface water	100-561-558-313	RMS	0.5/0.5	0.5/0.5	
				Dairy2	Dairy w/ composting facility	WQ: Excess nutrients & organics in surface water	100-561-558-313- 317	RMS	0.5/0.5	0.5/0.5	
				Horse1	Horse Operation w/o manure storage	WQ: Excess nutrients & organics in surface water	100-561-558	RMS	0.5/0.5	0.5/0.5	
				Horse2	Horse Operation w/ manure storage	WQ: Excess nutrients & organics in surface water	100-561-558-313	RMS	0.5/0.5	0.5/0.5	
				Poultry1	Poultry Operation w/o HUA or windbreak	WQ: Excess nutrients & organics in surface water	100-313-317	RMS	0.5/0.5	0.5/0.5	
				Poultry2	Poultry Operation w/ HUA and windbreak	WQ: Excess nutrients & organics in surface water	100-313-317-561- 380	RMS	0.5/0.5	0.5/0.5	
				NonAFO	Non-AFO HQ	This area serves as the headquarters for a farm operation that does not produce livestock or poultry.	AgChem	HQ w/ Agrichemical Mixing Facility	WQ: Pesticides in surface water	558-561-342-702	RMS
			NoAgChem	HQ w/o Agrichemical Mixing Facility	Sheet & rill erosion	558-561-342	RMS	0.5/0.5	0.5/0.5		

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									Western Shore CRA's (127, 130A, 147, 148, 149A)	Eastern Shore CRA's (153C, 153D)	
HY (Hayland)	Crop2Hay	Cropland to permanent hay	Converting from grain crops or veg crops to permanent hayland.	Basic	Plant and manage for permanent hay	Sheet & rill erosion	511-512-590-595	RMS	7/1	3/0.5	
	PermHay	Permanent Hay	Field is in a permanent hay crop.	Basic	Basic practices for permanent hayland	Sheet & rill erosion	511-590-595	RMS	1/1	1/1	
				ConsCov	Conservation cover managed for wildlife habitat	F&W: Declining species	327-590-595-645	RMS	1/0.5	1/0.5	
				FiltStr	Filter strip managed for wildlife habitat	F&W: Declining species	390-590-595-645	RMS	1/0.5	1/0.5	
				Renovate	Replant or renovate hay	Sheet & rill erosion	511-512-590-595	RMS	1/0.5	1/0.5	
			RFB	Riparian forest buffer managed for wildlife habitat	F&W: Declining species	391-595-645	RMS	1/0.5	1/0.5		
NA (Natural Area)	VegRest	Restore native veg on other lands	Shorelines, streambanks, marshes, and other areas are poorly vegetated or are dominated by invasive plants.	ConsCov	Conservation cover managed for wildlife habitat	F&W: Declining species	327-645-595	RMS	0.5/0.5	0.5/0.5	
				StrBank	Restore streambank/shoreline for wildlife habitat	F&W: Declining species	580-644-595	RMS	0.5/0.5	0.5/0.5	
				WetRest	Restored wetland managed for wildlife habitat	F&W: Declining species	657-644-595	RMS	0.5/0.5	0.5/0.5	
PA (Pasture)	Crop2Pas	Cropland to permanent pasture	Converting from grain crops or veg crops to permanent pasture.	Basic	Plant and manage for permanent pasture	Sheet & rill erosion	382-511-512-528-590-595-614	RMS	7/1	3/1	
	GFCnoSt	Good Forage Condition, no streams or wetlands	Some areas of the pasture are heavily grazed and weedy, but cover is generally good. Forage is being managed for quality. No streams or wetlands are within the pasture.	Basic	Basic practices for pasture management	Sheet & rill erosion	528-590-595	RMS	2/1	2/1	
	GFCwSt	Good Forage Condition, with streams or wetlands	Some areas of the pasture are heavily grazed and weedy, but cover is generally good. Forage is being managed for quality. Streams or wetlands are within the pasture.	Basic	Basic practices for pasture management	Sheet & rill erosion	528-590-595	RMS	2/1	2/1	
				FiltStr	Filter strip managed for wildlife habitat	F&W: Declining species	390-382-578-645-590-595	RMS	2/0.5	2/0.5	
				RFB	Riparian forest buffer managed for wildlife habitat	F&W: Declining species	391-382-578-645-595	RMS	2/0.5	2/0.5	
				Stream	Stream protection with improved pasture management	Sheet & rill erosion	528-382-614-578-590-595	RMS	2/1	2/1	
				WetRest	Restored wetland managed for wildlife habitat	F&W: Declining species	657-382-578-644-590-595	RMS	2/0.5	2/0.5	

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									Western Shore CRA's (127, 130A, 147, 148, 149A)	Eastern Shore CRA's (153C, 153D)		
PA (Pasture)	PFCnoSt	Poor Forage Condition, no streams or wetlands	Poor pasture cover and forage management. Pasture is continuously grazed without regard to forage species or weather limitations. No streams or wetlands are within the pasture fields.	Basic	Basic practices for pasture management	Sheet & rill erosion	528-590-595	RMS	3/1	3/1		
				Reseed	Reseeding with improved pasture management	Sheet & rill erosion	511-512-528-590- 595	RMS	3/1	3/1		
	PFCwSt	Poor Forage Condition, with streams or wetlands	Poor pasture cover and forage management. Pasture is continuously grazed without regard to forage species or weather limitations. Streams or wetlands are present in the pasture fields.	Basic	Basic practices for pasture management	Sheet & rill erosion	528-590-595	RMS	3/1	3/1		
				FiltStr	Filter strip managed for wildlife habitat	F&W: Declining species	390-382-578-645- 590-595	RMS	3/0.5	3/0.5		
					Reseed	Reseeding with improved pasture management	Sheet & rill erosion	511-512-528-590- 595	RMS	3/1	3/1	
					RFB	Riparian forest buffer managed for wildlife habitat	F&W: Declining species	391-382-578-645- 595	RMS	3/0.5	3/0.5	
					Stream	Stream protection with improved pasture management	Sheet & rill erosion	528-382-614-578- 590-595	RMS	3/1	3/1	
					WetRest	Restored wetland managed for wildlife habitat	F&W: Declining species	657-382-578-644- 590-595	RMS	3/0.5	3/0.5	
WL (Wildlife)	Wildlife	Land used for wildlife management	Fields and other areas not currently managed for wildlife purposes will be improved for wildlife habitat.	ConsCov	Conservation cover managed for wildlife habitat	F&W: Declining species	327-645-590-595	RMS	0.5/0.5	0.5/0.5		
				FiltStr	Filter strip managed for wildlife habitat	F&W: Declining species	390-645-590-595	RMS	0.5/0.5	0.5/0.5		
				RFB	Riparian forest buffer managed for wildlife habitat	F&W: Declining species	391-645-595	RMS	0.5/0.5	0.5/0.5		
				SWA	Shallow Water Area	F&W: Declining species	646-644-590-595	RMS	0.5/0.5	0.5/0.5		
				WetRest	Restored wetland managed for wildlife habitat	F&W: Declining species	657-644-590-595	RMS	0.5/0.5	0.5/0.5		
				WetCreat	Restored/created wetland managed for wildlife habitat	F&W: Declining species	658-644-590-595	RMS	0.5/0.5	0.5/0.5		