

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. | Basic | Basic practices for grain rotation | Sheet & rill erosion | 328-329A-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 | 393-645-590-595 | RMS | 7/0.5 | 3/0.5 | |
| | | | | Irr | Irrigated without a cover crop | Sheet & rill erosion | 328-329A-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 | 328-329A-590-595-449-442-340-(342)-(412)* | RMS | 7/2 | 3/0.5 | |
| | | | | IrrCCM | Irrigated with a cover crop and manure | Sheet & rill erosion | 328-329A-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 | 328-329A-590-595-449-442-633-(342)-(412)* | RMS | 7/2 | 3/0.5 | |
| | | | | Nirr | Non-irrigated without a cover crop | Sheet & rill erosion | 328-329A-590-595-(342)-(412)* | RMS | 7/2 | 3/0.5 | |
| | | | | NirrCC | Non-irrigated with a cover crop | Sheet & rill erosion | 328-329A-590-595-340-(342)-(412)* | RMS | 7/2 | 3/0.5 | |
| | | | | NirrCCM | Non-irrigated with cover crop with manure | Sheet & rill erosion | 328-329A-590-595-340-633-(342)-(412)* | RMS | 7/2 | 3/0.5 | |
| | | | | NirrM | Non-irrigated without a cover crop with manure | Sheet & rill erosion | 328-329A-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 | |

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) | 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 | 328-329A-511-512- 590-595 | RMS | 3/0.5 | 3/0.5 | |
| | | | | Manure | Hay rotation with manure | Sheet & rill erosion | 328-329A-511-512- 590-595-633 | RMS | 3/0.5 | 3/0.5 | |
| | | | | NoManure | Hay rotation without manure | Sheet & rill erosion | 328-329A-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- 393-412-442-449- 590-595 | RMS | 15/5 | NA | Southern Maryland only (MLRA 149A). |
| | | | | TlrrSC | Tobacco - Irrigated, w/ stripcropping | Sheet & rill erosion | 328-340-393-342- 412-442-449-590- 595-585 | RMS | 15/5 | NA | |
| | | | | TNlrrCF | Tobacco - Non-irrigated, w/ contour farming | Sheet & rill erosion | 328-330-340-342- 393-412-590-595 | RMS | 15/5 | NA | |
| | | | | TNlrrSC | Tobacco - Non-irrigated, w/ stripcropping | Sheet & rill erosion | 328-340-342-393- 412-590-595-585 | RMS | 15/5 | NA | |

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) | 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 | 393-645-590-595 | RMS | 8/0.5 | 3/0.5 | |
| | | | | Irr | Irrigated without a cover crop | Sheet & rill erosion | 328-329A-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 | 328-329A-590-595-449-442-340-(342)-(412)* | RMS | 8/4 | 3/1 | |
| | | | | IrrCCM | Irrigated with a cover crop and manure | Sheet & rill erosion | 328-329A-590-595-449-442-340-633-(342)-(412)* | RMS | 8/4 | 3/1 | |
| | | | | IrrM | Irrigated without a cover crop with manure | Sheet & rill erosion | 328-329A-590-595-449-442-633-(342)-(412)* | RMS | 8/4 | 3/1 | |
| | | | | Nirr | Non-irrigated without a cover crop | Sheet & rill erosion | 328-329A-590-595-(342)-(412)* | RMS | 8/4 | 3/1 | |
| | | | | NirrCC | Non-irrigated with a cover crop | Sheet & rill erosion | 328-329A-590-595-340-(342)-(412)* | RMS | 8/4 | 3/1 | |
| | | | | NirrCCM | Non-irrigated with cover crop with manure | Sheet & rill erosion | 328-329A-590-595-340-633-(342)-(412)* | RMS | 8/4 | 3/1 | |
| | | | | NirrM | Non-irrigated without a cover crop with manure | Sheet & rill erosion | 328-329A-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 | |

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) | |
| 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 | 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 | 0.5/0.5 | 0.5/0.5 | |
| | | | | NoAgChem | HQ w/o Agrichemical Mixing Facility | Sheet & rill erosion | 558-561-342 | RMS | 0.5/0.5 | 0.5/0.5 | |

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) | |
| 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 | 393-590-595-645 | 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 | 393-382-578-645-590-595 | 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 | |

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) | | |
| 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 | 393-382-578-645- 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 | 393-645-590-595 | 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 | | |