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Chesapeake Bay Stewardship Fund



Chesapeake Bay Program
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Appendix D

Applicable Metrics

Chesapeake Bay Small Watershed Grants Program

Please Note: NFWF is aware that certain key metrics describing outcomes from expanded program priorities in this year's RFP, consistent with the advent of WILD program funding, are not currently available in Easygrants. Applicants proposing such projects should utilize their narrative to describe and enumerate proposed outcomes.

Priority	Recommended Metric*	Metric Description/Instructions
Managing Agricultural and Urban Runoff (Required of water quality improvement proposals)	CBSF - BMP implementation for nutrient or sediment reduction - Lbs N/P/S avoided (annually)	Please use FieldDoc to develop estimates of the annual nitrogen, phosphorus, and/or sediment load reductions from your proposed project. Enter FieldDoc-generated pollutant load reduction totals in this field then upload your FieldDoc Project Summary in the "Uploads" section.
	CBSF - BMP implementation for nutrient or sediment reduction - Acres with BMPs	Enter the total number of acres under agricultural or non-urban BMPs to reduce nutrient or sediment loading. Do not double-count individual acres which have multiple BMPs. If you're implementing load reduction practices on urban lands, report associated outcomes instead under the "CBSF - BMP implementation for stormwater runoff - Acres with BMPs" metric. Do not include cover crops, conservation tillage, enhanced cropland nutrient management, or managed grazing.
Managing Agricultural and Urban Runoff (Select all that apply)	CBSF - BMP implementation for nutrient or sediment reduction - Acres with cover crops	Enter the number of cropland acres with cover crops practices. Please describe the cover crop practices in the NOTES section.
	CBSF - BMP implementation for nutrient or sediment reduction - Acres with conservation tillage	Enter the number of cropland acres with conservation tillage practices. Please describe conservation tillage practices in the NOTES section.
	CBSF - BMP implementation for nutrient or sediment reduction - Acres with enhances nutrient management	Enter the number of cropland acres with enhanced nutrient management practices other than or in addition to conservation tillage or cover crops. Please describe the nutrient management practices in the NOTES section.
	CBSF - BMP implementation for nutrient or sediment reduction - Acres with managed grazing	Enter the number of acres with managed grazing (i.e., promoting plant growth above and below ground, improving wildlife habitat, and maximizing soil carbon through a variety of grazing approaches). Please describe the grazing practices in the NOTES section.
	CBSF - BMP implementation for stormwater runoff - Acres with BMPs	Enter total drainage area treated by stormwater BMPs. If you wish to also provide the extent of specific BMPs themselves (i.e. square feet of bioretention), please do so in the "Notes" section.
	CBSF - BMP implementation for stormwater runoff - Volume stormwater prevented	Enter the number of gallons of stormwater runoff treated through stormwater BMPs (e.g. runoff treatment volume).
	CBSF - Green Infrastructure - number of trees planted	Enter the number of trees planted for urban stormwater reduction. In the NOTES section, specify the specify the landcover type prior to planting (barren, cropland, grassland, shrubland), # of acres, and average # of trees per acre.



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Priority	Recommended Metric*	Metric Description/Instructions
Improving Water Quality and Stream Health Through Riparian Restoration and Conservation (Select all that apply)	CBSF - Riparian restoration - Miles restored	Enter the number of miles of riparian habitat restored through the implementation of forest or grass buffers that are at least 35 feet wide. If you're implementing livestock exclusion, report associated outcomes instead under the "CBSF - BMP implementation for livestock exclusion -- miles of fencing installed" metric. In the NOTES section, specify the landcover type prior to planting (barren, cropland, grassland, shrubland), the % of vegetation on the pre-project site (0-20%, 21-40%, 41-60%, 61-80%, 81-100%), the dominant vegetation being planted (Broadleaf, Conifer, Shrub, Grass, Marsh, Swamp), the buffer width, and the acres.
	CBSF - BMP implementation for livestock fencing - Miles of fencing installed	Enter the number of miles of livestock exclusion installed. Assume activities include exclusion fencing and a 35-foot forest or grass buffer, unless otherwise noted.
	CBSF - Stream restoration - Miles restored	Enter the number of miles of stream restored for nutrient and sediment load reduction, consistent with qualifying conditions and restoration protocols established by the Chesapeake Bay Program.
	CBSF - Floodplain restoration - Acres restored	Enter the number of acres of floodplain restored for nutrient and sediment load reduction, consistent with qualifying conditions and restoration protocols established by the Chesapeake Bay Program. Also report any associated linear stream restoration outcomes through the "CBSF - Stream restoration – Miles restored" metric.
	CBSF - Wetland restoration - Acres restored	Enter the number of acres of wetland habitat restored, created, or enhanced. In the NOTES section, specify the dominant vegetation being planted (Marsh, Swamp).
Enhancing Freshwater Habitat (Select all that apply)	CBSF - Fish passage improvements - Miles of stream opened	Enter the number of miles of stream habitat opened to fish populations through dam removals, culvert replacement, or other fish passage improvements. A mile opened is defined as number of new miles that restoration makes accessible for aquatic species.
	CBSF - Instream habitat restoration - Miles restored	Enter the number of miles of instream habitat restoration activities not otherwise creditable for nutrient and sediment load reduction. Projects implementing qualifying stream restoration practices for TMDL crediting should instead report those outcomes instead through the "CBSF - Stream restoration - Miles restored" metric.
Protecting and Enhancing Terrestrial Habitat (Select all that apply)	CBSF - Conservation easements - Acres protected under easement	Enter the number of acres protected under long-term easement (permanent or >30-yr).
	CBSF - Land, wetland restoration - Number of trees planted	Enter the number of trees planted for all non-urban projects/practices.
Protecting and Enhancing Tidal and Estuarine Habitat (Select all that apply)	CBSF - American oyster - Marine habitat restoration - Acres restored	Enter the number of acres of native oyster reef restored.
	CBSF - Wetland restoration - Acres restored	Enter the number of acres of wetland habitat restored, created, or enhanced.
	CBSF - Fish passage improvements - Miles of stream opened	Enter the number of miles of stream habitat opened to fish populations through dam removals, culvert replacement, or other fish passage improvements. A mile opened is defined as # of new miles that restoration makes accessible for aquatic species.
	CBSF - Erosion control - Miles restored	Enter the number of miles of tidal shoreline stabilized or restored through erosion control, including living shoreline restoration. Projects implementing qualifying stream restoration practices for TMDL crediting should instead report those outcomes instead through the "CBSF - Stream restoration - Miles restored" metric.
	CBSF - Conservation easements - Acres protected under easement	Enter the number of acres protected under long-term easement (permanent or >30-yr). Assuming the specific parcel(s) has been identified, in the NOTES indicate what % of natural land cover would have been cleared in the absence of the easement(s).



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Priority	Recommended Metric*	Metric Description/Instructions
Building Capacity for Landscape-Scale Watershed and Habitat Planning, Design, and Implementation (Select all that apply)	CBSF - Outreach/ Education/ Technical Assistance - # people reached	Enter the number of individuals reached by outreach, training, or technical assistance activities. In the "Notes" section, provide a summary of how individuals are reached (newsletter mailing list total, training attendance, etc.).
	CBSF - Outreach/ Education/ Technical Assistance - # people with changed behavior	Enter the number of individuals measured as demonstrating changed behavior to benefit watershed restoration and protection. In the "Notes" section, provide a summary of how behavior change will be measured and tracked. If you have questions on whether your project contains behavior change activities, please contact NFWF staff.
	CBSF - Volunteer participation - # volunteers participating	Enter the number of volunteers participating in project implementation, outreach, and education activities.
	CBSF - Management or Governance Planning - # plans developed	Enter the number of conservation, watershed, and/or habitat management plans developed or improved. In the "Notes" section, provide specific information on the aggregate areal extent of associated plans (e.g. acres, square miles), and the number and areal extent of contributing planning activities.
	CBSF - Outreach/ Education/ Technical Assistance - # people reached	Enter the number of individuals reached by outreach, training, or technical assistance activities. In the "Notes" section, provide a summary of how individuals are reached (newsletter mailing list total, training attendance, etc.).
	CBSF - Outreach/ Education/ Technical Assistance - # people with changed behavior	Enter the number of individuals measured as demonstrating changed behavior to benefit watershed restoration and protection. In the "Notes" section, provide a summary of how behavior change will be measured and tracked. If you have questions on whether your project contains behavior change activities, please contact NFWF staff.

* *Easygrants* metrics should be consistent with data entered into and/or derived from FieldDoc.org.